CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Dam, Los Angeles, Calif., Los Angeles Co. Flood Control made plans, $25,000,000.

Double deck traffic way, St. Louis, Mo., City Plan Comm. made tentative plans, $22,000,000.

Roads, South Carolina, State Hy. Dept. making plans, $9,480,000.

Oil pipe line, Texas, Humble Oil & Refining Co. making plans, $8,500,000.

Sewer, St. Louis, Mo., Bd. Pub. Serv. making plans, $6,071,000.

Paving, Brownsville, Tex., Cameron Co. election Dec. 30, $6,000,000.

Street paving, St. Louis, Mo., Bd. Pub. Serv. making plans, $4,125,000.

Oil pipe line, Texas, Gulf Pipe Line Co. and Magnolia Pipe Line Co. making plans, $4,000,000.

Dam, Piedmont, Mo., Black River Hydro-Electric Co. making plans, $4,000,000.

Streets, San Francisco, Calif., making plans, $3,000,000 to $3,500,000.

Cable, lines, etc., Texas, Mountain State Telephone & Telegraph Co. making plans, $2,500,000.

Hospital and Nurses Home, Syracuse, N. Y., Syracuse Memorial Hospital soon takes bids, $2,500,000.

Roads, Greenville, S. C., Greenville Co. making plans, $2,500,000.

Apartment, New York, N. Y., Lexington Ave. and 63rd St. Corp. having plans prepared $2,500,000.

High School, Richmond Hill, N. Y., Bd. Educ. soon takes bids, $2,074,000.

Stone, Montreal, Que., Hudson Bay Co., Ltd., having plans prepared, $1,500,000.

Pumping station, Chicago, Ill., Sanitary District of Chicago takes bids after Jan. 1, $1,500,000.

Bids Desired

Theatre and office, Sioux City, Ia., Dec. 20 by Rapp & Rapp, archts., $1,700,000.

Apartment, Philadelphia, Pa., Bobbs & Pepper taking sub-bids, $1,000,000.

Power plant, Whiting, Ind., Standard Oil Co. of Indiana, taking bids, $1,000,000.

Contracts

Club, Los Angeles, Calif., Southern California Athletic and Country Club to Meyer & Holler, $3,000,000.

Office, Cincinnati, O., Union Central Life Insurance Co. to Floro Concrete Co., $2,250,000.

Hospital and medical service, Pittsburgh, Pa., Montefiore Hospital to H. Miller & Sons Co., $1,500,000.

Store, Seattle, Wash., Arcade Building & Realty Co. to Tuefel & Carlson, $1,500,000.

Administration and garage, Fordson, Mich., Ford Motor Co. to F. R. Patterson Constr. Co., $1,200,000.

Theatre, Seattle, Wash., Real Estate Improvement Co. to H. Pederson, $1,000,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
Dec. 17	Cincinnati, O.	Dec. 16
Dec. 20	Highland Park (br. New Brunswick), N. J.	Dec. 16
Dec. 20	McCook, Neb.	Dec. 9
Dec. 20	New Orleans, La.	Oct. 21
Dec. 21	Vancouver, B. C.	Dec. 9
Dec. 21	Phila., Pa.	Dec. 16
Dec. 23	Waukegan, Ill.	Nov. 18
Dec. 23	Waukegan, Ill.	Nov. 25
Dec. 27	McCook, Neb.	Dec. 16
Jan. 4	Olney, Ill.	Dec. 9
Jan. 11	Macon, Ga.	Dec. 16

Sewers

Dec. 17	Pittsford, N. Y.	Dec. 16
Dec. 17	Long Island City, N. Y.	Dec. 16
Dec. 20	New York, N. Y.	Dec. 16
Dec. 20	Blawnox, Pa.	Dec. 16
Dec. 21	Wash., D. C.	Dec. 16
Dec. 22	Brooklyn, N. Y.	Dec. 16
Dec. 22	Baltimore, Md.	Dec. 16
Dec. 22	Orlando, Fla.	Dec. 16
Dec. 23	Boston, Mass.	Dec. 16
Dec. 27	Miami, Fla.	Dec. 16
Dec. 30	Minneapolis, Minn.	Dec. 16
Dec. 30	Montgomery, Minn.	Dec. 9
Jan. 6	Cleveland, O.	Dec. 16

Bridges

Dec. 20	Two Rivers, Wis.	Nov. 25
Dec. 21	Hutchinson, Kan.	Dec. 2
Dec. 21	Harlan, Ia.	Dec. 16
Dec. 21	Phila., Pa.	Dec. 16
Dec. 21	Oklahoma	Dec. 16
Dec. 22	Iowa	Dec. 16
Dec. 22	Georgia	Dec. 16
Dec. 23	Jacksonville, Fla. Adv. Dec. 16.	Dec. 16
Dec. 27	New Jersey Adv. Dec. 9 and 16.	Dec. 16
Dec. 28	Pensacola, Fla. Adv. Dec. 2 to 16.	Dec. 2
Dec. 28	Las Cruces, N. M.	Dec. 16
Jan. 4	Boston, Mass.	Dec. 16
Jan. 5	Stone Cliff, W. Va. Adv. Dec. 9 and 16.	Dec. 9

Excavation, Drainage, Irrigation, Levees, River and Harbor

Dec. 20	Bradenton, Fla.	Dec. 2
Dec. 21	Fond du Lac, Wis.	Dec. 16
Jan. 10	Iowa	Dec. 16

Streets and Roads

Dec. 18	Hopatcong, N. J.	Dec. 2
Dec. 20	Jacksonville, Fla.	Dec. 9

Bids close		*See Eng. News-Record*
Dec. 20	Seminole, Okla.	Dec. 16
Dec. 21	Oklahoma	Dec. 16
Dec. 21	Massachusetts	Dec. 16
Dec. 21	Louisiana	Dec. 9
Dec. 21	Massachusetts	Dec. 9
Dec. 21	Indiana	Dec. 9
Dec. 21	Louisiana	Dec. 9
Dec. 21	Washington	Dec. 2
Dec. 21	St. Louis, Mo.	Dec. 2
Dec. 22	Alma, Kan.	Dec. 9
Dec. 22	Clinton, Ia.	Dec. 16
Dec. 22	Georgia	Dec. 16
Dec. 22	Georgia	Dec. 16
Dec. 24	California	Dec. 9
Dec. 27	New Jersey Adv. Dec. 9 and 16.	Dec. 16
Dec. 28	Wellington, Tex.	Dec. 16
Dec. 28	New Mexico	Dec. 16
Dec. 28	Oswego, Kan.	Dec. 2
Dec. 28	New York Adv. Dec. 9 and 16.	Dec. 9
Dec. 29	Virginia Adv. Dec. 16.	Dec. 16
Jan. 6	Vero Beach, Fla.	Dec. 16
Jan. 6	Dillon, S. C.	Dec. 16
Jan. 6	Vero Beach, Fla. Adv. Dec. 9 and 16.	Dec. 16
Jan. 7	Kentucky	Nov. 11
Jan. 7	Kentucky	Dec. 9
Jan. 7	Pennsylvania Adv. Dec. 16.	Dec. 16
Jan. 10	Birmingham, Ala.	Dec. 16
Feb. 18	Kentucky	Dec. 16

Buildings—Commercial

Dec. 20	Akron, O.	Dec. 16
Dec. 20	Camden, N. J.	Dec. 16
Dec. 20	St. Louis, Mo.	Dec. 9
Dec. 20	Chicago, Ill.	Dec. 9
Dec. 20	Sioux City, Ia.	Dec. 16
Dec. 20	St. Louis, Mo.	Dec. 16
Dec. 20	Milwaukee, Wis.	Dec. 16
Dec. 21	Decatur, Ga.	Dec. 16
Dec. 21	Scranton, Pa.	Dec. 9
Dec. 22	Wash., D. C.	Dec. 16
Dec. 22	Brooklyn, N. Y.	Dec. 16
Dec. 23	Newark, N. J.	Dec. 9
Dec. 28	Beaumont, Tex.	Dec. 16
Jan. 1	Wash., D. C.	Oct. 7
Jan. 5	Marksville, La.	Dec. 2
Jan. 12	Albany, N. Y. Adv. Dec. 16.	Dec. 9
Jan. 15	New Philadelphia, O.	Dec. 9

Buildings—Industrial

Dec. 17	Wilmington, Del.	Dec. 9
Dec. 20	Milwaukee, Wis.	Dec. 16
Jan. 1	Salem, O.	Sept. 30

Buildings—Educational, Religious

Bids close		*See Eng. News-Record*
Dec. 17	Holyoke, Mass.	Dec. 9
Dec. 17	Manchester, N. H.	Dec. 16
Dec. 18	Franklin, Pa.	Nov. 25
Dec. 21	Springfield (Jamaica P. O.), N. Y.	Dec. 2
Dec. 21	Waterbury, Conn.	Dec. 9
Dec. 21	Boyce, La.	Dec. 9
Dec. 22	Roxbury (Boston P. O.), Mass.	Dec. 9
Dec. 23	New York, N. Y.	Dec. 9
Dec. 23	Rosindale (sta. Boston), Mass.	Dec. 16
Dec. 28	Merchantville (Ind. br. Camden), N. J.	Dec. 16
Dec. 30	Milwaukee, Wis.	Dec. 16
Jan. 1	Wash., D. C.	Oct. 7
Jan. 3	L'Anse, Mich.	Nov. 11
Jan. 6	Erie, Pa.	Dec. 16
Jan. 10	Taunton, Mass.	Dec. 9
Feb. 1	Wash., D. C.	Oct. 7

Federal Government Work

Dec. 20	Jetty Repairs—Galveston, Tex. Adv. Nov. 25 to Dec. 16.	Nov. 25
Dec. 20	Steel, Iron, etc.—Wash., D. C.	Dec. 16
Dec. 21	Roads—Arizona	Dec. 16
Dec. 22	Deferrization Plant, etc. — Annapolis, Md.	Dec. 16
Dec. 23	Pumping Plant, etc.—Bangor, Me. Adv. Dec. 16.	Dec. 16
Dec. 26	Piping—Richmond, Va.	Dec. 2
Dec. 27	Dredging—San Francisco, Calif.	Dec. 16
Dec. 28	Hoist—Idaho	Dec. 16
Dec. 28	Canal—Easton, Wash.	Nov. 18
Dec. 28	Waterproofing—Sheridan, Wyo.	Dec. 2
Dec. 28	Quarters—Oteen, N. C. Adv. Dec. 2 to 16.	Dec. 2
Dec. 29	Solarium—San Diego, Calif.	Dec. 2
Dec. 29	Roof—Wash., D. C.	Dec. 9
Dec. 29	Dredging—New York, N. Y.	Dec. 16
Dec. 30	Dredge Pipe—Memphis, Tenn. Adv. Dec. 9 and 16.	Dec. 16
Dec. 30	Engine, etc.—Memphis, Tenn. Adv. Dec. 9 and 16.	Dec. 9
Jan. 3	Operating Machinery—Louisville, Ky. Adv. Dec. 9 and 16.	Dec. 9

See proposal advertising on page 141

Constr. News page 38

TRADE "LEADITE" MARK
Registered U. S. Pat. Office

16-in. c. i. B&S water main laid with LEADITE joints, tested to 195 lbs. water pressure.

Pipe Joint Knowledge

LEADITE is recognized to be the best material for making joints in cast iron bell and spigot water mains by thousands of water works men thruout the world.

Water works men who keep a check on their systems and make water waste surveys know that their pipe lines laid with LEADITE are tight.

Their experience with LEADITE has proven to them that LEADITE joints improve with age, and that the joints do not corrode or rust.

They know that LEADITE has been successfully tested and used for over 30 years.

They know LEADITE will flow around a 60-in. pipe just as easily as it does around a 4-in. pipe; size does not make any difference. They know LEADITE fills every crevice of the joint.

They know LEADITE eliminates the expense and drudgery of caulking.

They know the simplicity, economy and efficiency with which LEADITE can be used.

Give LEADITE a fair trial and convince yourself of its merit and many advantages.

Join the LEADITE users.

The up-to-date water works man specifies and uses LEADITE.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE
and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
Jan. 3	Hangars—Fort Sam Houston (Sta. San Antonio), Tex.	Dec. 16
Jan. 5	Motor, etc.—San Francisco, Calif.	Dec. 16
Jan. 6	Pump — San Francisco, Calif.	Dec. 16
Jan. 6	Repairing Walls—San Juan, Porto Rico	Dec. 16
Jan. 7	Post Office—Madison, Wis. Adv. Dec. 16.	Dec. 16
Jan. 11	Alterations—New York, N. Y.	Dec. 16
Jan. 12	Road and Walks—San Diego, Calif.	Dec. 16
Jan. 12	Dredging—Wash., D. C. Adv. Dec. 16.	Dec. 16
Jan. 14	Extension—Missoula, Mont.	Dec. 2
Jan. 19	Pier—Pearl Harbor, T. H.	Dec. 2
Jan. 19	Radio Tower—Jupiter, Fla.	Dec. 16
Jan. 20	Towboat—St. Louis, Mo.	Dec. 9
Feb. 7	Tug—Mobile, Ala. Adv. Dec. 16.	Dec. 16

Unclassified

Bids close		See Eng. News-Record
Dec. 17	Electrical Equipment—Phila., Pa.	Dec. 9
Dec. 17	Lighting System—Phila., Pa.	Dec. 9
Dec. 20	Sea Wall and Pier—Bradenton, Fla.	Dec. 16
Dec. 20	Comfort Stations—New York, N. Y.	Dec. 16
Dec. 22	High Pressure Steam Lines—Ogdensburg, N. Y. Adv. Dec. 9 and 16.	Dec. 9
Dec. 22	Telephone System—Kings Park, N. Y. Adv. Dec. 9 and 16.	Dec. 9
Dec. 22	Retaining Walls—New York, N. Y.	Dec. 16
Dec. 24	Borings—Corona (Ind. sta. Flushing), N. Y.	Dec. 16
Dec. 29	Elimination of Grade Crossing—Phila., Pa. Adv. Dec. 9 and 16.	Dec. 9

Bids close		See Eng. News-Record
Jan. 19	Street Lighting System—Marcy, N. Y. Adv. Dec. 16.	Dec. 16

Materials

Dec. 18	Slag, Stone, etc.—Lakewood (br. Cleveland), O.	Dec. 9
Dec. 20	Pig Lead, Lead Pipe, etc.—Kenosha, Wis.	Dec. 16
Dec. 20	Lumber, etc.—Muscatine, Ia.	Dec. 16
Dec. 21	Steel Castings, etc.—Boston, Mass.	Dec. 16
Dec. 21	Railroad Frogs, etc.—Phila., Pa.	Dec. 16
Dec. 21	Lumber, etc.—Tipton, Ia.	Dec. 16
Dec. 22	Lumber, etc.—Adel, Ia.	Dec. 16
Dec. 22	Lumber, etc.—Manchester, Ia.	Dec. 16
Dec. 23	Steel Sheet Piling—Jacksonville, Fla.	Dec. 16
Dec. 30	Gasoline and Oil—Austin, Tex.	Dec. 9
Jan. 5	Lumber, etc.—Corning, Ia.	Dec. 16

News of New Work

Waterworks

Proposed Work

Massachusetts—Commonwealth of Massachusetts, Metropolitan Dist. Comn., Boston, plans increasing supply Wachusett Reservoir system, by diverting upper waters Southern Sudbury River for use of Metropolitan Dist. Comn. $900,000. J. R. Rablin, 1 Ashburton Pl., Boston, engr.

Mass., Somerset — Making plans waterworks and pumping station. $500,000. F. A. Barbour, 1119 Tremont St., Boston, engr. Noted Nov. 18.

Mass., Wakefield—Town, Water Dept. plans filtration system and dam. $250,000. Weston & Sampson, 14 Beacon St., Boston, engrs.

R. I., Providence—Takes bids in March, Longview Reservoir, on Smithfield Rd. and Mineral Spring Ave., in town North Providence. W. W. Peabody, 661 Westminster St., Providence, ch. engr.; adv. E. N.-R. Dec. 16.

Pa., West Chester — M. M. Davis, boro secy., takes bids in spring filtration plant, incl. pumps, etc. $75,000. T. G. Colesworthy, boro engr.

N. C., Raleigh—See "Unclassified."

Fla., Tallahassee — See "Streets and Roads."

La., Jackson—D. Stewart, et al., Natchez, Miss., takes bids after Jan. 1, complete waterworks, distribution and 200 kw. unit electric lighting systems, here. $400,000. Private plans.

La., Monroe—Election Jan. 18, $600,000 bonds, waterworks improvements, incl. dam, mains, pumping equipment, etc. W. T. Nee, Monroe, engr.

Ill., Addison—Making plans c.i. mains in various streets. $40,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Ill., Dolton — Made plans 500,000 gal. reservoir and 10 in. c.i. supply main and booster pumps. $50,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Ill., Elmhurst—Making plans mains in various streets. $100,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Ill., La Grange Park (P. O. La Grange) —Making plans mains in various streets. $30,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Mo., New Madrid—Voted $19,000 bonds, approximately 16,000 ft. 4 in. c.i. mains, etc. in various streets. A. C. Moore, Joplin Natl. Bank Bldg., Joplin, engr. Noted Nov. 11.

Tex., Dalhart—See "Buildings—Industrial."

Tex., Levelland—Election Dec. 22, $50,000 bonds, waterworks. Hawley & Roberts, Box 1115, Lubbock, engr.

Okla., Hazel — Made preliminary plans waterworks. $18,000. G. A. Ruggles, mayor. Engineer not selected.

Wash., Seattle—City Utilities Com. plans 6,100 ft. 20 in. ci. mains in East 55th and West 83rd Sts., University and Dallard Dists. $35,000.

Wash., Tumwater — Plans improving water facilities. $15,000.

Calif., Chico — South Chico Co. Water Dist. plans election $100,000 bonds, water system. Noted Nov. 4.

Calif., Whittier—Pico Water Dist. voted $125,000 bonds, 100,000 gal. overhead tank and new wells.

Ont., Port Arthur — Plans waterworks improvements, incl. extending intake 3,000 ft. and installing duplicate automatic chlorinators, etc. $180,000, James, Proctor & Redfern, 36 Toronto St., Toronto, engrs. Noted Sept. 16.

Bids Desired

N. J., Highland Park (br. New Brunswick)—Dec. 20, by Mayor and Boro Council, Masonic Bldg., Raritan and 4th Aves., 16 in. mains under Delaware and Raritan Canal and under Raritan River; also additional watermains. R. P. Wilson, 46 Paterson St., New Brunswick, civil engr.

Pa., Phila.—Dec. 21, by Dept. Pub. Wks., Bureau of Water, reinforcing chimney at Lardners Point Pumping Sta., Contr. 836; boiler setting and piping, at Queen Lane Sta., Contr. 852; and conveyor gallery enclosure for Lardners Point Pumping Sta., Contr. 860. G. H. Biles, div.

Ga., Macon—Jan. 11, by City, 10 m.g. centrifugal pump, steam turbine drive, at Riverside Pumping Station. R. E. Findlay, secy. and treas. Bd. Water Comrs. Noted Sept. 23.

O., Cincinnati—Dec. 17, by Director Pub. Serv., manufacturing, furnishing and delivering 1,785 tons 4- to 12-in. c.i. hub and spigot pipe, 75 tons 4- to 12-in. castings, $100,000; laying 409,400 lin.ft. 4- to 12-in. c.i. pipe in various streets, $100,000. C. O. Sherrill, City Hall, engr.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Michigan — Drainage Bd. Midland and Gratiot Counties, Deans store, Jam, on Sect. 26, Mt. Haley Twp., taking bids constructing Bullock Creek Drain, Mt. Haley and Porter Twps., Midland Co., and Wheeler Twp., Gratiot Co.

Kan., El Dorado—Jan. 6, by L. D. Benton, city clk., earth dam, flow line and clear well. Black & Veatch, Mutual Bldg., Kansas City, Mo., engrs.; adv. E. N.-R. Dec. 16. Noted Sept. 16.

Neb., McCook—Dec. 27 (extended date), by G. F. Moss, city clk., reservoir, and 3,400 ft. 12 in. steel and c.i. supply pipe line with valves, 3,500 lb. specials, 200 ft. 15 in. c.i. and 3,300 ft. each of 12 and 15 in. vitr. clay pipe, 1,500,000 gal. and 1,300,000 gal. stand pipes, both 70 ft. high, pumps, motors, etc. $45,000. Bruse & Grupe, 710 Bankers Reserve Life Bldg., Omaha, engrs. Noted Dec. 9.

Calif., Redwood City—Taking bids 8,600 ft. 8 in. water pipe. C. L. Dimitt, city engr.

Bids Received

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, Dec. 7, 30 in. steel mains in 216th St., Luke Pl., Springfield Blvd., 56th Ave., etc., here, from Norton Constr. Corp., 21 East 40th St., New York City, $108,794. Noted Dec. 2.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., Dec. 7, mains in Fordham Rd., Park, East 3d Aves., etc., from Riverdale Water Works Corp., 1 Riverdale Ave., $15,300. Noted Dec. 2.

Pa., Phila.—Dept. Pub. Wks., Bureau of Water, Contr. 856, from J. B. McHugh, 892 North Markoe St., $12,984; and Contr. 857, from Bulman Bros., 7th and Cumberland Sts., $2,664. Noted Dec. 2.

Va., Roanoke — Roanoke Water Co., 2 Salem Ave. E., concrete dam and filtration plant near Carvins Cove, from W. W. Boxley, Boxley Bldg. Engrs. est. $1,000,000. Noted Dec. 9.

O., Cleveland — Comrs. Cuyahoga Co., Dec. 1, 6,000 ft. 6- to 8-in. c.i. main in McRae Ave., Impvt. 576, from J. B. Lynn Constr. Co., 16311 Saranec Rd., $16,271; also 18,000 ft. 6- to 12-in. in Columbia Rd., Impvt. 1451, from J. Kallil & Jackson Co., Triskett Rd., $76,407. Noted Nov. 25.

Contracts Awarded

Mass., Boston—Dept. Pub. Wks., Water Serv., one hundred 6 in. gate valves, to McCulloch Mfg. Co., 200 Old Colony Ave., South Boston, $1,350. Noted Nov. 18.

N. J., Brooklawn (mail Westville)—One story waterworks plant, to W. P. Dallett, 4024 Filbert St., Phila., Pa., $42,536.

N. J., Newark—North Jersey Dist. Water Supply Comn., 24 Commerce St., B. W. Moore, Jr., chn., clearing and grubbing Wanaque Reservoir, to Evans Clearing Corp., 988 Pine St., New York City, N. Y. Engrs. est. $250,000. Noted Nov. 25.

Md., Baltimore—Bd. Awards, furnishing and delivering Sectional 42 in. pipe for Montebello Pumping Station, for Mayor and City Council, to R. D. Wood & Co., 400 Chestnut St., Phila., Pa., $3,629. Noted Nov. 25.

O., Cleveland—Cuyahoga Co., 11,000 ft. 6 and 8 in. c.i. mains in Lincoln Ave., East 143rd and East 145th Sts., Impvt. 577, to Winterbottom-Connelly Co., 1400 West 25th St., $27,788. Noted Dec. 9.

O., Cleveland—Cuyahoga Co., 7,000 ft. 6 and 12 in. c.i. mains in Brecksville and Schaaf Rds., Impvt. 455, to W. B. Smith, 1350 West 89th St., $23,874. Noted Dec. 9.

Mich., Detroit—J. E. Mills, comr. Purchases & Supplies, 132,000 ft. 6- to 16-in. DeLavaud pipe, for Dept. Water Supply, to U. S. Cast Iron Pipe Co., 42nd St., New York City, at $0.70 per ft. Noted Nov. 4.

Ill., Harvey—Waterworks improvements, incl. 3 m.g. reservoir, to G. H. Anderson, Harvey, $290,000.

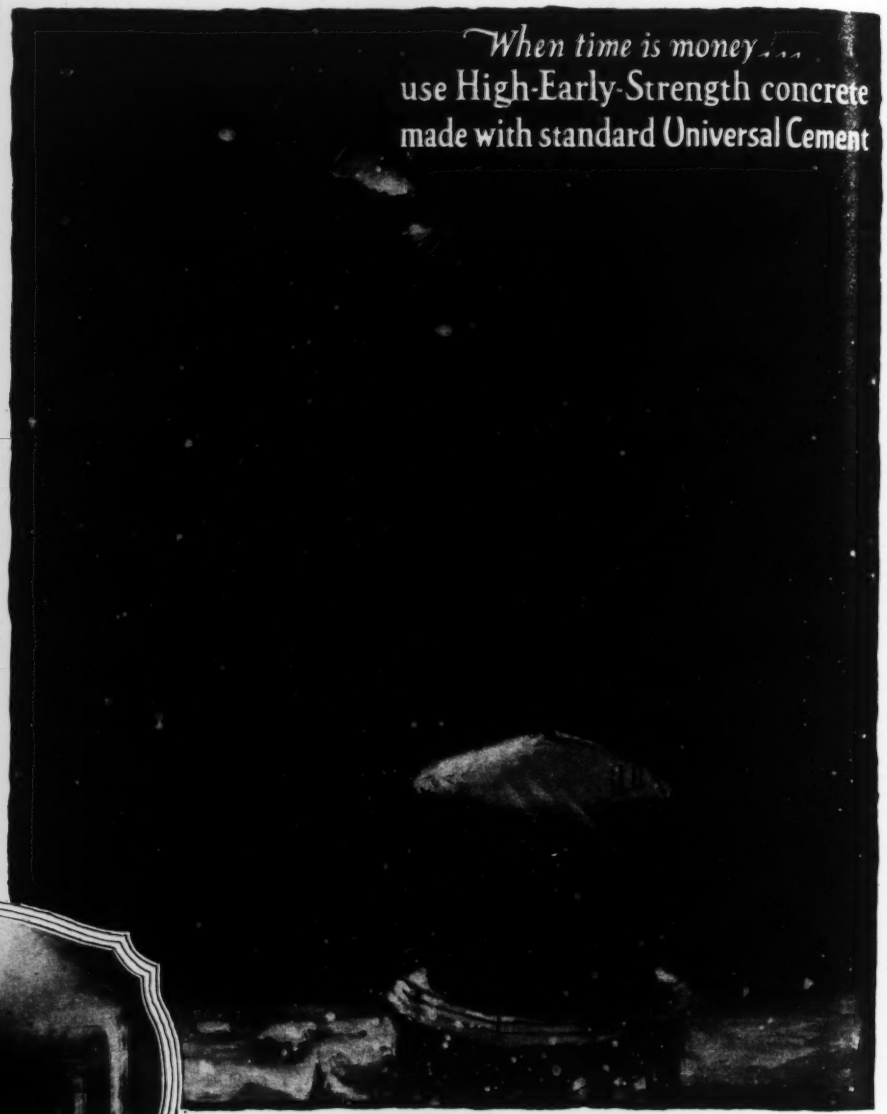
Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., coal and ash handling equipment at North Pumping Station, to Link Belt Co., 310 West Pershing Rd., Chicago, Ill., $29,746.

Minn., St. Paul—A. E. Eggert, city purch. agt., 60,000 lin.ft. seamless copper tubing for Water Dept., to Crane Co., 5th St. and Bway. $8,862. Noted Dec. 2.

Okla., Blackwell—Rebuilding filter plant, new filter equipment, settling pump, pump house, main extensions, etc., to Standard Paving Co., 1742 East 6th St., Tulsa, $134,117. Engrs. est. $150,000. Noted Nov. 25.

Wash., Shelton—City Clerk, concrete pump house for enlarged water system, to Reid Bros., Aberdeen, $37,000. Noted June 17.

Constr. News page 386



Water Tank, Boonville, Ind. Cold-weather construction facilitated by High-Early-Strength ***Universal*** concrete. Standard ***Universal*** (not special) cement used by Roth Construction Co., Boonville.

Cold Weather No Obstacle On This Job!

Winter concreting, always practicable, is made more feasible than ever by High-Early-Strength concrete.

In this way, a water tank and pumphouse at Boonville, Ind., was built and placed in service before work ordinarily would have been started.

By keeping aggregates warm and the structure protected, and by using High-Early-Strength *Universal* concrete, the builder shortened the period of protection from freezing, hastened removal of forms and finished the job weeks earlier than is usual.

High-Early-Strength concrete made by using special methods and standard *Universal* (not special) cement furnished at the usual price gives not only speed but also permanently better and stronger concrete. The accompanying coupon will bring full details.

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago.

Without obligation, please send me detailed information on methods for securing strong Concrete in 3 days with standard *Universal* [not special] cement, the same quality *Universal* regularly used.

Name .....

Address .....

ENR 12-16

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

Wash., Shelton — City Council, 200,000 gal. reservoir and 3 mi. wood and steel pipe line, to H. W. Troutman, 15 West Prospect St., Seattle, $25,113. Noted June 24.

Calif., Riverside—Domestic water system in portions Cleveland and Victoria Aves., etc., to J. M. Shull & Co., 122 Walnut St., $28,880. Noted July 15.

B. C., North Vancouver—For 13,000 ft. 6 in. British Manneswann Tube Co.'s pipe from Lynn Valley to Grouse Mountain Highway, to Cotton Co. Ltd., False Creek Yards, Vancouver, $30,000.

Sewers

Proposed Work

Massachusetts — Commonwealth of Massachusetts, Boston, plans extending sewerage system in Canton, Norwood, Stoughton and Walpole. To exceed $25,000. Portion of expense to be borne by each town. Sewerage Division, Metropolitan Dist. Com., 1 Ashburton Pl., Boston, engr.

N. Y., Syracuse—Made estimates 43,830 ft. 8- to 48-in. concrete or vitr. clay sewers, etc. in Hiawatha, Bear, Solar, North Geddes, Kirkpatrick, Clinton Sts., etc., in Salt Lands. $488,955. N. F. Pitts, Jr., city engr.

N. Y., Tannersville—Bd. Estimate & Apportionment appropriated $500,000, constructing sewage disposal plant.

N. C., Greensboro — See "Streets and Roads."

N. C., Raleigh—See "Unclassified."

N. C., Raleigh—Plans issuing $100,000 bonds, new sewerage system. C. C. Page, comr. Pub. Wks.

Fla., Tallahassee — See "Streets and Roads."

La., Olla—Voted $22,000 bonds and soon takes bids sewers and water extensions in various streets. F. R. Joseph, Glenmore, engr.

Tenn., Alton Park — See "Streets and Roads."

Tenn., Nashville — See "Streets and Roads."

O., Canton—Bd. Control takes bids in spring, sewers in Ridgway, Norwood, and Myrtle Aves., 23rd, 24th, 25th, 26th, 27th and Woodward Sts. $50,000. W. E. Sarver, City Hall, engr.

O., Columbus—Made plans 5,750 ft. 30 in. rein.-con., vitr. clay or monolithic and 76,-397 ft. 8- to 21-in. vitr. sewers in Glen Echo section, $325,000; also 7,189 ft. 15- to 48-in. vitr., segment block or monolithic concrete sewer in Mound St. R. H. Simpson, city engr.

O., Massillon — Service Director takes bids in spring, sewer in Webb St., Jarvis and Overlook Aves., etc., $28,000-$30,000; also in East Main St., from Seppo St. trunk sewer to McKinley Ave. and portion East Tremont St. $25,187. C. E. Rice, Massillon, engr.

Ill., Addison—Making plans sanitary and storm sewerage systems. $200,000. E. Hancock, 2047 Ogden Ave., Chicago, engrs. Noted Jan. 28.

Ill., Chicago—Sanitary Dist. of Chicago, 910 South Michigan Ave., takes bids after Jan. 1, excavation and concrete substructure pumping station for West Side Sewage Treatment Works. $1,500,000. Private plans.

Ill., Harvey — Making plans combined sewerage system. $700,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Ill., Kewanee — Making plans sewerage system, and disposal plant. Burns & McDonald Eng. Co., 400 Interstate Bldg., Kansas City, Mo., engrs.

Ill., La Grange Park (P. O. La Grange) —Making plans sewerage system. $40,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Ill., North Riverside (mail Riverside) — Made plans combined sewerage system. $300,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Ill., Roselle—Making plans sewerage system. $100,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Wis., Nekoosa—L. Smith, mayor, making surveys improving sewerage system, etc. $25,000. W. G. Kirchoffer, Dean Bldg., Madison, engr.

Wis., Waupun — Making plans sewage disposal plant.

Minn., Hibbing — Plans sewage disposal plant. $40,000. J. O. Rivall, village recdr.

Minn., Litchfield—Making plans sewage disposal plant. $30,000. L. P. Wolff, 903 Globe Bldg., St. Paul, engr.

Minn., Minneapolis — F. S. Gram, city purch. agt., takes bids about Dec. 30, various sized sewer pipe for 1927 season. $75,-000. N. W. Elsberg, city engr.

Mo., Kansas City—Making plans and soon takes bids 2 mi. lateral sewers in various streets. To exceed $25,000. Black & Veatch, 700 Mutual Bldg., engrs.

Mo., New Madrid—Voted $31,000 bonds, approximately 25,000 ft. 8- to 12-in. vitr. clay sewers, etc. in various streets. A. C. Moore, Joplin Natl. Bank Bldg., Joplin, engr. Noted Nov. 11.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, plans constructing River Des Peres Sewer, $4,500,000; Western Mill Creek Relief Sewer, $1,100,000; and 2 sections Wherry Ave. Joint Sewer, $260,000 and $211,000 respectively. W. W. Horner, 300 City Hall, engr.

Tex., Levelland—Election Dec. 22, $75.-000 bonds, sewers in various streets. Hawley & Roberts, Box 1115, Lubbock, engrs. Noted Oct. 7.

Okla., Konawa—Made preliminary plans 5 mi. sewers in all streets. $25,000. N. E. Cunningham, mayor. Engineer not selected.

Okla., Seminole—Plans 21,150 ft. 8 and 10 in. vitr. clay lateral sewers, etc., in Dist. 3. $31,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Calif., Bakersfield — Plans sewers in Eastern Bakersfield section. $25,000 or more. W. D. Clarke, city engr.

Calif., South Gate — Plans sewerage system. $75,000. E. M. Lynch, Central Bldg., Los Angeles, engr.

Bids Desired

Mass., Boston—Dec. 23, by Metropolitan Dist. Comn., Sewer Div., 1 Ashburton Pl., Boston, 3,585 lin.ft. Sect. 81, Belmont Relief Sewer, North Metropolitan System, in Cambridge and Belmont, for Commonwealth of Massachusetts. To exceed $25,-000. J. R. Rablin, 1 Ashburton Pl., Boston, engr.

N. Y., Brooklyn — Dec. 22, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, sewers in Linden Blvd., Avenue H, Troy and 9th Aves., 96th, East 8th, East 34th, East 42nd and East 43rd Sts.; also additional capacity, additions and repairs to mechanical sewage disposal plant at Caisson 3, between East 3rd and 4th Sts., north of Neptune Ave., Coney Island.

N .Y., Long Island City—Dec. 17, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewer in Linden and Monroe Sts., Fairview, 88th (Boyd), Sutter, Hyatt Aves., etc.

N. Y., Pittsford—Dec. 17, by Bd. Sewer Comrs. Sewer Dist. 1, at office W. S. Lozier, Inc., engr., 10 Gibbs St., Rochester, sanitary and storm sewerage system, here.

Pa., Blawnox—Dec. 20, by Boro Council, approximately 6,710 ft. 6- to 12-in. sewers, etc. in various streets. A. W. Bowser, secy.

Md., Baltimore—Dec. 22, by Bd. Awards, sewers and drains in Sewer Dists. G-11 and J-4, Sanitary Contr. 240. M. J. Ruark, 311 Courtland St., sewerage engr.

D. C., Wash. — Dec. 21, by District Comrs., District Bldg., 5,373 lin.ft. 10 in. to 3 ft. sewer in various streets.

Fla., Miami—Dec. 27, by City Comn. at office H. E. Ross, city clk., City Hall, 1,256 lin.ft. 8 in. vitr. and c.i. sewers in Sanitary Sewer Impvt. Dist. 225.

Fla., Orlando—Dec. 22, by City Comrs. at office J. A. Stinson, clk., City Hall, sewers in Lake View Ave.

O., Cleveland—Jan. 6, by J. E. Harper, dir. Dept. Pub. Welfare, Oak and 9th Sts., Columbus, sewage disposal plant, incl. 1,000 ft. 12 in. vitr. pipe, settling tank with sand filter, etc., at Hawthorneden farm of the Cleveland State Hospital, near here. $45,-000. H. B. Briggs, Ohio Hartman Bldg., Columbus, state archt.

Minn., Minneapolis — Dec. 30, by F. S. Gram, city purch. agt., various sized vitr. sewer pipe, for 1927 season. $75,000 or more. N. W. Elsberg, city engr.

Tex., Dallas—Taking bids 32 in. sewers in 14 blocks Capitol and Prospect Aves., 9th and Rartman Sts. E. A. Kingsley, city engr.

Bids Received

Mass., Woburn — Sewers in Aberjona Valley, from L. C. Woodfall, 14 Beacon St., Boston, $62,751. Noted Dec. 2.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., Dec. 8, sewers in Wallace Ave. from Coddington Avenue Contg. Co., 2883 Coddington Ave., $68,902; and in Philip Ave., from C. W. MacDonald, $16,294. Noted Dec. 2.

Pa., Phila.—Dept. Pub. Wks., Bureau of Engineering, Dec. 8, main sewers in Sandy Run Extension, from Richards-Kelly Co., Widener Bldg., $46,952; St. Vincent St., from Perna Eng. & Contg. Co., 752 South 10th St., $13,914; and Monastry Ave., from Mazzola & Marano, 739 South 7th St., $15,275. Noted Dec. 2.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., Dec. 4, concrete sewers, in Auer and Green Bay Aves., from Wenzel & Henoch Constr. Co., 498 27th St., $769 and $2,396 respectively; 43rd St., from W. T. Werner, 675 Hi-Mount Blvd., $1,114; 46th St., from Rausch & Busse, 918 44th St., $2,145; Franklin St., from G. E. Zimmermann, 3402 Grand Ave., $15,890; Holt Ave., from Milwaukee Sewer & Drainage Co., 928 Humboldt Ave., $1,075; 6th St., from P. & L. Co., 038 Edgewater Ave., $3,529; 32nd Ave., from Minerswa Constr. Co., 582 20th St., $5,767; and Trowbridge Ave., from M. Synovitz, 944 2nd Ave., $7,005.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., Dec. 3, from Shobart-Rauch, Inc., 1003 41st St., concrete sewers in Beecher St., $292; from F. E. Kaminski, 745 46th Ave., Blue Mound Rd., $3,892; from P. & L. Co., 038 Edgewater Ave., Concordia Ave. $780, Melvina St. $859, and 7th St. $3,954; from A. H. Koch, 2917 Grand Ave., Gruber Ave., $2,367; from Milwaukee Sewer & Drainage Co., 928 Humboldt Ave., Ohio Ave., $1,209; from Clayton Constr. Co., Port Washington Rd., Pease St. $6,865; and from W. T. Werner, 675 Hi-Mount Blvd., Roosevelt Dr. $16,386, and 26th St. $1,760.

Mo., Jefferson City — C. B. Steers, city clk., extending and improving sewerage system, from Apsland Constr. Co., Tecumseh, Neb., $131,682. Noted Dec. 2.

Mo., St. Louis—See "Streets and Roads."

Calif., Los Angeles—From R. A. Wattson, 1026 North McCadden Pl., sewer in Mar Vista Ave., and sewage pumping plant, 10,865 ft. 6 in. vitr. clay pipe at $1.25 per ft., etc., total $200,667; and Seneca Ave., 6,650 ft. 6 in. vitr. clay pipe, $1, etc., total $31,739. Noted Dec. 2.

Calif., Los Angeles—Bd. Pub. Wks., Dec. 6, from M. N. Guho, 5316 8th Ave., improving Annandale Blvd. between Eucalyptus Lane and Oak Crest Way, main sewer $92,873, and 16,106 ft. house sewers at $1.50 per ft., total $117,032.

Contracts Awarded

N. J., Trenton—Hamilton Twp. Com., 1,895 ft. 12- to 32-in. drain in Barricklo St., to Cifelli & Cifelli, Trenton, $35,482. Noted Dec. 2.

N. C., Thomasville — Sewage disposal plant and outfall, to A. H. Guion & Co., Gastonia, $80,000. Noted Nov. 4.

O., Cleveland—Bd. Comrs. Cuyahoga Co., 14,000 ft. 8- to 42-in. sewer in Walden Ave., Impvt. 513, to Yahya Bros., 3333 Woodbridge Ave., $114,945. Noted Dec. 9.

O., Xenia—Bd. Trustees Wilberforce University, sewage disposal plant, Imhoff tank, filter materials and dosing tank, to McCurran Bros., Xenia, $40,975. Noted Nov. 18

Ind., Hammond — Bd. Wks., sewerage system and pumping station in Kennedy Ave., to Cities Constr. Co., South Bend, $183,809. Engrs. est. $200,000.

Ill., Teasville (Niles Center P. O.)—For 10- to 36-in. vitr. tile sewers in various streets, to Krenn & Dato, 936 North Michigan Ave., Chicago, $69,000.

Minn., St. Paul—Constructing Belt Line-Wild Rose Sewer extension, to O'Neil & Preston, 608 Exch. Bank Bldg., $43,502. Noted Nov. 11.

Tex., Ft. Worth—D. L. Lewis, city engr., pre cast concrete sewer in Interurban Dist., to Standard Paving Co., Camp Bowie Blvd., $91,920.

Tex., Wichita Falls — Sewers in various streets, to Janes Contg. Co., South West Life Bldg., Dallas, $33,999. Noted Nov. 11.

Calif., Chula Vista—Bd. City Trustees, additions to sewerage system, to H. H. Peterson, Spreckels Bldg., San Diego, $73,000.

Waste Disposal

Proposed Work

N. C., Raleigh—Plans issuing $75,000 bonds, new 60-90 ton capacity incinerator. C. C. Page, comr. Pub. Wks. Noted Dec. 9 under "Sewers."

Fla., Tallahassee — See "Streets and Roads."

Constr. News page 387

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Bridges

Proposed Work

Mass., Medford (br. Boston)—Commonwealth of Massachusetts, Metropolitan Dist. Comn., Boston, plans bridge and approaches over Mystic River from Mystic to Riverside Aves., in connection with Revere Beach Parkway, here. $315,000. J. R. Rablin, 1 Ashburton Pl., Boston, engr.

Conn., Bridgeport — City, Yellow Mill Bridge Comn., made plans and soon take bids 3 span 200 ft. concrete and steel, double deck bascule span bridge, and temporary draw bridge, incl. 60 ft. roadway, two 10 ft. sidewalks, 100 ft. waterway, concrete piers and steel supports for trolley tracks, in Stratford Ave. E. J. Buegler, Cheshire, engr. J. A. McElroy, city engr. Noted Jan. 28.

O., Youngstown — Plans bridge over Mahoning River, Erie, Pennsylvania and Baltimore & Ohio R.R. tracks. $1,000,000.

Mich., Detroit—Wayne Co. Rd. Comn., Real Estate Exch. Bldg., making preliminary plans 2 span 100 ft. concrete girder bridge on concrete piers and abutments over Rouge River, at Town Line and Emmerson Rds. H. A. Shuptrine, c/o owner, bridge engr.

Wis., Manitowoc—Manitowoc Co., J. Connell, comr., appropriated $30,000, constructing Clarks Mills Bridge during 1927.

Wis., Sheboygan—Sheboygan Co., G. W. Ubbelohde, comr., plans constructing Bliss Bridge, here, $25,000; Millerville and Bartz Bridges in town of Herman $20,000 and $15,000 respectively; Johnsonville and Boerger Bridges in Sheboygan Falls, $18,000 and $15,000 respectivelv.

Mo., Palmyra—See "Streets and Roads."

Mo., Sheffield (Sta. Kansas City)—City and Kansas City Terminal R.R. Co., Union Sta., Kansas City, making plans viaduct over tracks, on Independence Rd., here. $200,000 or more. Harrington, Howard & Ash, Orear Leslie Bldg., Kansas City, engrs.

Tex., Giddings—See "Streets and Roads."

Tex., Matador—See "Streets and Roads."

Tex., Pampa—See "Streets and Roads."

Tex., Plainview — See "Streets and Roads."

Okla., Tecumseh—State Hy. Dept., Oklahoma City, made preliminary plans 2 span 140 ft. steel truss bridge on piers, Pottawatomie Co., near here. $35,000. J. M. Page, highway engr.

Wash., Tacoma—Made plans and takes bids about Feb. 7, 390 ft. rein.-con. bridge, 48 ft. roadway, and two 7 ft. sidewalks, etc. on North Proctor St. between 31st and 33rd Aves. $161,000. W. F. McElmon, Lacoma, engr. Noted Dec. 17, 1925.

Bids Desired

Mass., Boston — Jan. 4, by Dept. Pub. Wks., rebuilding West Newton St. Bridge, rein.-con. and steel, over New York, New Haven & Hartford R.R. tracks. $25,000. J. H. Sullivan, comr.

New Jersey—Dec. 27, by State Hy. Comn., Trenton, 2 bridges across North and South Channels of Shark River, between Belmar and Avon, on State Highway Route 4; also longitudinal beam bridge encased in concrete across South River, near Mays Landing, at M. P. 39.8, Route 14. A. L. Grover, secy. adv. E. N.-R. Dec. 16.

Pa., Phila. — Dec. 21, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., bridge, Contr. 76-1926. A. C. Shand, Broad St. Sta., ch. engr.

Virginia—See "Streets and Roads."

Georgia—Dec. 22, by State Hy. Dept., East Point, 2 bridges over Ogeechee River, on Louisville-Swainsboro Rd., Federal Aid Project 168-A, Jefferson Co., 4,878 ft. piling, 186,500 lb. reinforcing, etc.; and overhead bridge and approaches on Savannah-Dorein Rd., at Riceboro, Federal Aid Project 177, Liberty Co., 44,970 ft. treated and 939 ft. untreated lumber, 16,880 ft. treated flooring, 30,000 lb. reinforcing, etc. W. R. Neel, highway engr.

Fla., Jacksonville — Dec. 23, by Comrs. Duval Co., Room 101 Court House, completing construction Pablo Creek Bridge. T. B. Carrick, 305 Court House, co. bridge engr.; adv. E. N.-R. Dec. 16.

Iowa—Dec. 22, at office Auditor Clinton Co. (Clinton), two 80 x 20 ft. pony truss bridges, two 32 x 20 ft. I-beam approaches, and one 120 x 20 ft. high truss bridge with eight 32 x 20 ft. I-beam approaches, Clinton and Scott Counties. E. B. Lorenzen, Clinton, co. engr.

Ia., Harlan—Dec. 21, at office Auditor Shelby Co., one 60 x 20 ft. pony truss bridge, one 70 x 20 ft. skew pony truss bridge with I-beam approaches, one 130 x 20 ft. skew high truss bridge with eight 32 ft. I-beam approaches, one 20 x 24 ft. slab, and one 40 x 24 ft. deck girder bridges, also 53 culverts and extensions. F. W. Sarvis, Harlan, co. engr.

Oklahoma—Dec. 21, by State Hy. Dept., Oklahoma City, 2 span 140 ft. steel truss bridge on concrete piers at Chickasha, Grady Co., $40,000; 3 span 330 ft. steel truss bridge on concrete piers at Cleo, Major Co., $41,000; 8 span 600 ft. steel truss bridge on concrete piers at Ripley, Payne Co., $65,000; 24 span 340 ft. pile trestle bridge, at Boise City, Cimarron Co., $40,000; 1 span 66 ft. steel girder bridge over railroad tracks, at Kingfisher, Kingfisher Co.; 2 span 88 ft. rein.-con. trestle bridge at Antlers, Pushmataha Co., $25,000; and 2 span 76 ft. rein.-con. trestle bridge at Vian, Sequoyah Co., $25,000. J. M. Page, highway engr.

N. M., Las Cruces—Dec. 28, at office E. R. Mallery, state highway engr., Santa Fe, constructing eighteen 40 ft. and one 50 ft. rein.-con. girder type bridge, at Young Ave., on Federal Aid Project 107-B, Dona Ana Co., here, for State Hy. Dept., Santa Fe.

Bids Received

North Carolina—State Hy. Dept., Raleigh, Nov. 24, rein.-con. bridges, etc., on Project 624, Catawba Co., from T. A. Loving & Co., Goldsboro, $55,102; and on Project 637, Iredell Co., from J. L. Brinkley, Thomasville, $44,042.

O., Dayton — Comrs. Montgomery Co., Dec. 7, substructure for 100 ft. span steel truss bridge over Bear Creek, from O. Puterbaugh, Wolf Creek Pike, $8,992; and superstructure, from Brookville Bridge Co., Brookville, $26,340.

Wis., Green Bay—W. L. Kerr, city clk., Dec. 3, from Greiling Bros. Co., 924 McDonald St., salvaging and removing west span Mason St. Bridge $8,100, resetting west pier $2,550, and constructing temporary pile bent timber bridge $9,100. Engrs. est. $60,000. Noted Sept. 23.

Contracts Awarded

Mass., Allston (Boston P. O.) — City, Dept. Pub. Wks., Boston, reconstructing rein.-con. and steel bridge over Baltimore and Albany R.R. tracks, at Everett St., here, to V. Grande, 22 Hull St., Boston. Engrs. est. $25,000. Noted Oct. 21.

N. Y., Forestport—T. F. Farrell, comr. Canals & Waterways, 353 Bway., Albany, N. Y., removing existing bridge and constructing new highway, crossing, etc., at Feeder Lock, here, to E. L. Dowd, 1128 Brinkerhoff Ave., Utica, $15,239. Noted Dec. 9.

Pa., Phila. — Director Pub. Wks. and Comrs. Montgomery Co. (Norristown), constructing Green Lane Bridge over Schuylkill River and Manayunk Canal, to Seeds & Durham, 6314 Wissahickon St. $399,157. Noted Dec. 9.

North Carolina — State Hy. Dept., Raleigh, rein.-con. bridges, etc., on Project 109, Bertie Co., to Sanford & Brooks Co., West Shore Terminal, Charleston, S. C., $39,647. Noted Sept. 30.

La., New Orleans—See "Unclassified."

Tennessee—State Dept. Highways & Pub. Wks., Nashville, bridge on Federal Aid Project 300-A, Shelby Co., to T. J. Galley & Co., Knoxville, $216,299.

Minn., Montevideo—State Hy. Dept., St. Paul, constructing Bridge 4548, 335 ft. long concrete, on State Project 12-30, Federal Aid Project 402, near here, to Guaranty Constr. Co., 233 Essex Bldg., Minneapolis, $52,440. Noted Nov. 11, under "Streets and Roads, Minnesota."

Kan., Iola—Allen Co., two 82 ft. and one 122 ft. arch span bridge on Federal Aid Project 367-A, to A. L. Cook, Ottawa, $53,570. Noted Nov. 11.

Kan., McPherson — See "Streets and Roads."

Kan., Olathe—See "Streets and Roads."

Kan., Smith Center — See "Streets and Roads."

Nebraska — State Hy. Comn., Lincoln, two 95 ft. pony truss span bridge, 18 ft. over Niobrara River, on Project 14-B, Holt Ct., to Western Bridge & Constr. Co., 748 Peters Trust Bldg., Omaha, $27,795.

Tex., Brazoria—Angleton Co., 8 concrete pile trestle bridges, 842 ft. long, and one 150 ft. steel truss bridge on Highway 58, to Austin Bridge Co., 1813 Clarence St., Dallas, $113,006. Engrs. est. $135,200. Noted Sept. 16.

Tex., Galveston — See "Streets and Roads."

Tex., San Antonio — See "Streets and Roads."

Tex., San Antonio — City, J. W. Tobin, mayor, 1 span, 140 ft. rein.-con. and steel bridge over San Antonio River, on Villita St., to Walsh & Burney, 928 North Flores St., $25,357. Noted May 20.

Calif., Los Angeles — Los Angeles Co., concrete girder bridge over Eaton Wash, at San Pasqual St., to R. A. Grut, Hord Bldg., Los Angeles, $23,800.

Dams

Proposed Work

Wis., Soldiers Grove—Interstate Power Co., H. C. Ortin, mgr., Dubuque, Ia., plans rein.-con. dam, sluice gates, etc., here. $25,000. Engineer not selected.

Mo., Piedmont — Black River Hydro-Electric Co., to be incorporated, W. H. Meredith, vice-pres. and chf. counsel, Poplar Bluffs, made surveys 1,500 ft. hydro-electric power dam, 135 ft. high, developing 10,000 kw. hp. on Black River near here, approximately 22,000 acres for lake to be formed by dam. Total approximately $4,000,000.

Tex., Karnes City — See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Calif., Los Angeles — Los Angeles Co. Flood Control Dist., J. W. Reagan, ch. engr., made plans $25,000,000 San Gabriel Dam. Construction will be $7,000,000 or $8,000,000. Los Angeles Co. will furnish materials.

Railways

Proposed Work

Arizona—California, Arizona & Santa Fe. R.R. Co., L. F. English, atty., 80 Jackson Blvd., Chicago, Ill., plans 15 mi. railroad extension beginning at Beardsley, Maricopa Co., here.

Bids Desired

Missouri—See "Contracts Awarded."

British Columbia — See "Contracts Awarded."

Contracts Awarded

Mississippi and Florida — St. Louis-San Francisco Ry. Co., F. G. Jonah, ch. engr., St. Louis, Mo., grading and bridging 57½ mi. new seaport cut-off from Aberdeen, Miss., to Pensacola, Fla., to Ross-Wogan Constr. Co., Kansas City, Mo., approximately $800,000.

Missouri—United Railways Co., 39th St. and Park Ave., St. Louis, will construct 3 track street car loop at termini of Wellston, city limits and St. Charles lines, and Easton Ave., in Wellston, Mo. $50,000. Work will be done by own forces.

British Columbia — British Columbia Electric Ry. Co., 425 Cornwall St., Vancouver, will construct special track work on Alma Rd., 9th and 10th Aves., in Vancouver, by day labor. $30,000. A. C. Eddy, c/o owner, engr.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Texas—D. B. Bawcom, Tankersley, plans irrigating 80 acres, by constructing dam in Middle Concho River, Tom Green Co. Private plans.

Texas—H. J. Y. Mills, Pandale, plans irrigating 540 acres, water being used from Pecos River, in Val Verde Co. Private plans.

Tex., Corsicana — Navarro Co. Water Impvt. Levee Dist. 11, c/o J. M. Bradley, R. D. Queen, and H. C. Bartlett, supervs., election soon $200,000 bonds, levee work embracing approximately 3,000 acres land in vicinity Rice. W. W. McClendon, Corsicana, co. engr.

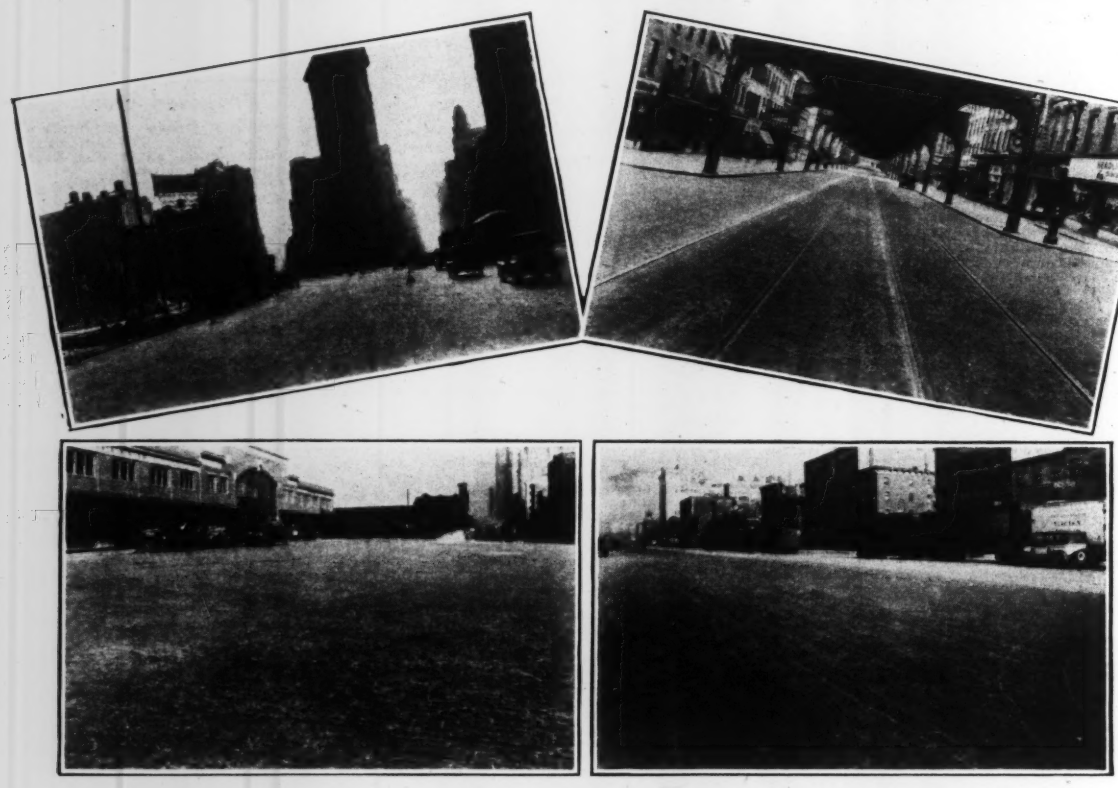
Tex., Cuero—T. O. Buchel plans irrigating 856 acres, water being used from Guadalupe River. $18,000. Private plans.

Tex., Eagle Pass—Maverick Co., c/o W. L. Rockwell, engr., Eagle Pass, plans irrigating 60,000 acres, gravity system from Rio Grande River through portion Kinney Co. $5,000,000. Noted Dec. 9.

Tex., Karnes City—Karnes Co. Irrigation Dist. 1, c/o J. B. Carrington, Bedell

Constr. News page 388

Granite Lives Forever



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Excavation, Drainage, Irrigation, Levees, River and Harbor (Continued)

Bldg., San Antonio, plans irrigating 60,000 to 75,000 acres 30 mi. south of San Antonio, and constructing concrete dam, 110 ft. high, Karnes Co. $2,000,000. H. M. Taylor & Co., c/o owners, engrs. Noted Dec. 9.

Calif., Martinez—Making plans reclaiming 52 acres waterfront lands. $75,000 available. A. W. Pioda, 110 Sutter St., San Francisco, engr.

Bids Desired

Wis., Fond du Lac—Dec. 21, by C. J. Fay, city clk., dredging and removing 175,000 cu.yd. earth from Lake Winnebago to Lakeside Park. To exceed $25,000. Noted Dec. 2.

Iowa—Jan. 10, at office G. E. Frost, aud. Cerro Gordo Co., Mason City, constructing Joint D. D. 113, Cerro Gordo Co. (Mason City) and No. 123 Hancock Co., (Garner), incl. cleaning 600 ft. open ditch, 24,250 ft. 6- to 24-in. tile pipe, 5 inlets and headwalls.

Neb., Gothenburg — Jan. 8 (extended date), Bd. Dirs. Thirty Mile Canal Co., F. E. Parkam, pres., constructing 30 mi. canal, 26 concrete and steel bridges and 40 mi. laterals, etc. $256,000. C. A. Edwards, Gothenburg, engr. Noted Dec. 2.

Bids Received

Tex., Cotulla—W. A. Kerr, secy. Bd. Directors La Salle Co. Water Impvt. Dist. 1, Dec. 6, irrigation project incl. 2 mi. earthern reservoir dam and appurtenances across Nueces River, 9 mi. north of here, from Smith Bros. Inc., Crockett, approximately $7,000,000. Noted Nov. 11.

Calif., Los Angeles — Fill for Cabrillo Beach, 2,000,000 cu.yd. material to be removed, from United Dredging Co., Central Bldg., at $0.115 per cu.yd.

Contracts Awarded

La., New Orleans—See "Unclassified."

Texas — Lamar-Delta Co. Levee Impvt. Dist. 2, c/o T. L. Beauchamp, Paris, constructing channels, incl. clearing, grubbing, and excavating approximately 1,000,000 yd. in Lamar and Delta Counties, to M. H. Edmondson, Greenville, $120,625. Noted Dec. 2.

Streets and Roads

Proposed Work

Massachusetts—State Hy. Dept., Boston, plans probably bituminous macadam paving 1½ mi. highway in Lincoln and Lexington. To exceed $25,000. W. F. Williams, comr. Pub. Wks. Dept.

Mass., Boston — Dept. Pub. Wks. plans laying out and reconstructing Rodman St., Dorchester, and West Milton St., Hyde Park. $25,000. J. H. Sullivan, comr.

N. Y., Syracuse—Plans resurfacing 4,500 ft. South Townsend St. from East Jefferson to East Castle Sts. $110,000. N. F. Pitts, Jr., City Hall, engr.

New Jersey — Freeholders Mercer Co., Trenton, plan improving 2.5 mi. Woodsville-Marshall's Corner Rd. $175,000. State Hy. Dept., Trenton, appropriates toward cost.

N. J., Perth Amboy—Plans constructing 3 blocks boulevard to Tottenville bridge. $300,000. Engineer not selected. State Hy. Dept., Trenton, appropriates toward cost.

N. J., Trenton—Freeholders Mercer Co. plan 4.5 mi. road from Pennington to Woodsville, $335,000; and 7,800 ft. Stuyvesant Ave., here, $60,000. H. F. Harris, Court House, engr.

N. C., Greensboro—Soon takes bids paving, sewers, steel girder deck bridge with concrete abutments, to underpass 11 major street crossings, eliminating every grade crossing on Southern Ry. $1,000,000. Fellheimer & Wagner, 155 East 42nd St., New York City, engrs. Noted Oct. 7.

South Carolina — State Hy. Dept., Columbia, plans hardsurfacing 300 mi. roads in Middle Coastal Highway Dist., composed of Charleston and Berkeley Counties, $1,500,000, Marion Co. $650,000, Georgetown Co. $100,000, Greenwood Co. $1,000,000, Spartanburg Co. $500,000, Barnwell Co. $360,000, Fairfield Co. $370,000, Coastal Hy. Dist. composed of Dillon, Florence, Jasper, Williamsburg, Colleton and Beaufort Counties $5,000,000.

S. C., Greenville — Greenville Co. plans hardsurfacing 75 mi. various roads. $2,500,000.

S. C., Lexington — Lexington Co. sold $300,000 bonds, constructing roads.

S. C., Saluda—Saluda Co. sold $150,000 bonds, constructing roads.

Florida—State Roads Dept., Tallahassee, **(F. A. P. means Federal Aid Project)**, plans sheet asphalt, concrete, bituminous concrete or bituminous macadam on rock paving 66,186 sq.yd. F. A. P. 58, Jefferson Co., incl. 19,092 lin.ft. guard rail, 189,908 sq.yd. F. A. P. 56, incl. 24,000 lin.ft. guard rail, and 225,715 sq.yd. F. A. P. 54, incl. 49,805 lin.ft. guard rail, both Leon Co.; grading 10.09 mi. F. A. P. 52, Escambia Co., incl. 33,520 lin.ft. guard rail. R. L. Bannerman, Marianna, div. engr. for latter 2 projects. J. L. Cresap, state highway engr.

Fla., Tallahassee — Election Dec. 28, $250,000 bonds, paving 140,000 sq.yd. also constructing incinerator, sewers and waterworks in various streets. Address City Engineer.

La., Marksville—Avoyelles Parish voted $35,000 bonds, grading and hardsurfacing roads in Dist. 5.

Tenn., Alton Park — Plans permanent paving various streets, $130,000; also storm sewers in various streets, $20,000.

Tenn., Huntsville — Scott Co. and State Dept. Highways & Pub. Wks., Nashville, plan improving 20 mi. Helenwood-Campbell Co. line Rd. $100,000. Work will be done under direction State Hy. Dept. C. N. Bass, highway engr.

Tenn., Knoxville—Plans curbing, guttering and sidewalks on 37 various streets during 1927. To exceed $100,000.

Tenn., Nashville—Plans expending $202,000 during 1927, improving streets, sidewalks and sewers in various streets. W. W. Southgate, City Hall, engr.

O., Akron—W. F. Peters, dir. Pub. Serv. takes bids after Jan. 1, grading, sidewalks concrete guttering and cindering 1,040 cu.yd. East Crosier St., $17,000; also grading, curbing, walks and vitr. brick paving, etc. 1,890 sq.yd., Norka Ave., $12,900. E. A. Kemmler, Municipal Bldg., engr.

O., Cincinnati — Made plans grading, curbing, guttering and granite block repaving, etc., 17,000 sq.yd. Hamilton Ave., $225,988; brick repaving, etc., Hamilton Ave., $188,588; and concrete repaving, etc., 3,800 sq.yd. Liston Ave., $31,785. C. O. Sherrill, City Hall, engr.

O., Columbus—Made plans grading, curbing, water and sewer connections, and paving 47,795 sq.yd. Hayden Park Dr., Monticello Pl., 5th, Columbus and Mound Sts., Belvidere, Korbel, Keifer, McKinley, Eastview, Virginia, Arcadia, Avondale and 12th Aves., brick $264,027, asphalt $228,082. R. H. Simpson, city engr.

O., Marietta—City Council making plans curbing, asphalt resurfacing and widening Putnam St. 57 ft., between Front and 4th Sts., and 35 ft. between 4th and 7th Sts. $60,000. A. C. Williams, city engr.

Ill., Elmwood Park (mail Chicago) — Making plans concrete paving various streets. $900,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs. Noted Jan. 28.

Ill., La Grange—Making plans concrete paving various streets. $400,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Ill., La Grange Park (La Grange P. O.) —Making plans concrete paving various streets. $500,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Ill., Bensenville—Making plans concrete paving various streets. $200,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Ill., Elmhurst — Making plans concrete paving various streets. $100,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Ill., La Grange Park (P. O. La Grange) —Plans asphalt and concrete resurfacing various streets. $200,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Wis., Madison — Dane Co. appropriated $160,140, graveling, etc., various roads; $16,000, concrete paving, etc., Trunk Highway 113 from city limits northerly to Canadian & Northwestern R.R. tracks; and $170,100, highway work during 1927, the towns and villages raising like amount. J. R. Caldwell, comr.

Wis., Madison—Dane Co., J. R. Caldwell, comr., appropriated $75,000, surface treating gravel roads.

Wis., Manitowoc—Manitowoc Co., J. Connell, comr., appropriated $8,000, grading and graveling State Trunk Highway 18, and $5,000, County Trunk Highway A east to Highway 16; also $23,406, maintenance of highways.

Wis. Sheboygan—Sheboygan Co., G. W. Ubbelohde, comr., **(C. T. H. means County Trunk Highway)**, plans grading and graveling, etc., C. T. H. A and FF, town of Herman $15,000, C. T. H. V, town of Lima $13,000, C. T. H. A, town of Mitchell $10,000, C. T. H. HH, town of Scott $6,000, C. T. H. WW, between towns of Mitchell and Scott $25,000, C. T. H. M and J, Sheboygan Falls $31,000, C. T. H. EE, town of Wilson $26,000; and C. T. H. C, town of Plymouth $30,000; also 18 ft. concrete paving, etc., C. T. H. AA, town of Holland $12,000.

Wis., Sparta—Monroe Co., G. Goff, comr., voted $100,604 road construction program for 1927.

Wis., Stevens Point—Portage Co. voted $45,000 bonds, concrete paving State Trunk Highway 29 between Columbus and Rio. J. T. Henton, comr.

Minn., St. Paul—Making plans grading and asphaltic concrete or sheet asphalt paving approximately 9,000 sq.yd. Concord St. $30,000. G. M. Shepard, city engr.

Kan., Fredonia—Wilson Co. plans grading, etc., 7.27 mi. Federal Aid Project 373-A, 30 ft. E. C. Baily, Fredonia, co. engr.

Kan., Hutchinson—Plans vitr. fibre brick with asphalt filler paving 1 block Cow Creek west of Main St. $30,000. R. B. Lee, Hutchinson, engr.

Mo., Palmyra — Marion Co. postponed indefinitely $300,000 bond election, graveling 150 mi. roads and necessary bridges, etc. W. D. Cooper, Palmyra, engr. Noted Nov. 18.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids asphalt paving, etc., 1,275 sq.yd. Murdock St. $9,000, 2,815 sq.yd. Molienhoff St. $20,500, 1,730 sq.yd. Nebraska St. $11,150, and 6,255 sq.yd. Eugenia St. $42,300; rein.-con. paving, etc., 2,355 sq.yd. Herbert St. $9,800, 2,430 sq.yd. Oleatha St. $9,100, 1,065 sq.yd. Frederick St. $5,800, 3,920 sq.yd. Elizabeth St. $20,400, 1,465 sq.yd. Oregon St. $10,700, 365 sq.yd. Brannon Ave. $2,240, and 3,115 sq.yd. Adams St. $19,600; asphaltic concrete paving, etc., 1,035 sq.yd. Graham St. $6,400, and 2,460 sq.yd. Magnolia St. $14,900; amiesite paving, etc., 1,925 sq.yd. Mallinchrodt St., $12,900; also concrete paving, etc., 4,590 sq.yd. Hamberg St. $27,000, 1,890 sq.yd. Graham St. $12,800, and 10,625 sq.yd. alleys in City Blocks 5832, 5008-W, 2679, 1420, 205-S, 1169-N, 2573, 5170, and 5235, $30,000. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids asphaltic concrete paving, etc. 295 sq.yd. Farlin Ave. $2,350, 945 sq.yd. 37th St. $7,500, 1,300 sq.yd. Kossuth St. $9,300, and 1,125 sq.yd. Aubert St. $7,750; vibrolithic concrete paving, etc. 3,625 sq.yd. Marcus St., $16,600; rein.-con. paving 1,210 sq.yd. Humphrey St., $8,100; amiesite on concrete paving, etc. 5,325 sq.yd. Lynch St., $34,600; warrenite itulithic paving, etc. 1,675 sq.yd. Dodier St., $13,200; recut granite block paving, etc. 1,645 sq.yd. St. Charles St., $11,650; shallow granite block paving 4,115 sq.yd. Theressa St., $33,000; also concrete paving 1,515 sq.yd. Bessie Ave. $7,750, and 14,160 sq.yd. alleys in City Blocks 5563, 4103-N, 4404-A, 5480, 5575, 5865, 5875, 5936 and 885 $40,680. W. W. Horner, 300 City Hall, engr.

Mo., St. Louis—City Plan Comn. made tentative plans 3 mi. double deck traffic way from Gravois and Allen Aves. to connect with 3rd St. thence to Mullanphy St. and connecting with 12th Blvd. at Natural Bridge Ave., 100 ft.; razing approximately 40 blocks property between 3rd St. and levee using cleared ground for parking about 7,500 automobiles; and constructing 1 mi. formal park or mall between Chestnut and Market Sts. from Court House at 4th St. to river's edge, etc. $22,000,000. H. Bartholomew, c/o owner, engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, plans paving 33 mi. various streets and 9.5 mi. various alleys, incl. 199,000 sq. yd. sheet asphalt and asphaltic concrete paving, 120,000 sq.yd. bitulithic asphalt, 36,000 sq.yd. amiesite, 15,000 sq.yd. brick, 159,000 sq.yd. concrete, and 124,000 sq.yd. granite block. $4,125,000. W. W. Horner, 300 City Hall, engr.

Ark., Ft. Smith — Making preliminary plans grading, curbing, hardsurfacing, etc., 7th and 8th Sts. J. H. Parker, mayor.

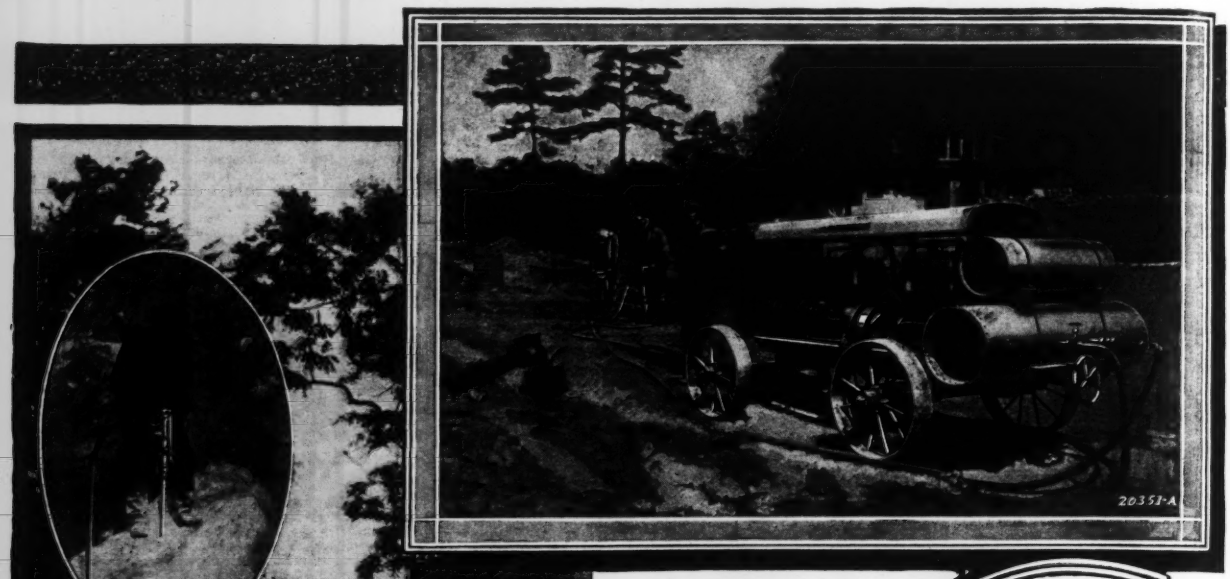
Ark., Springdale — Making preliminary plans grading, curbing, guttering, concrete paving, etc., portions Allen and Emma Aves. G. T. Sullins, mayor. Engineer not selected.

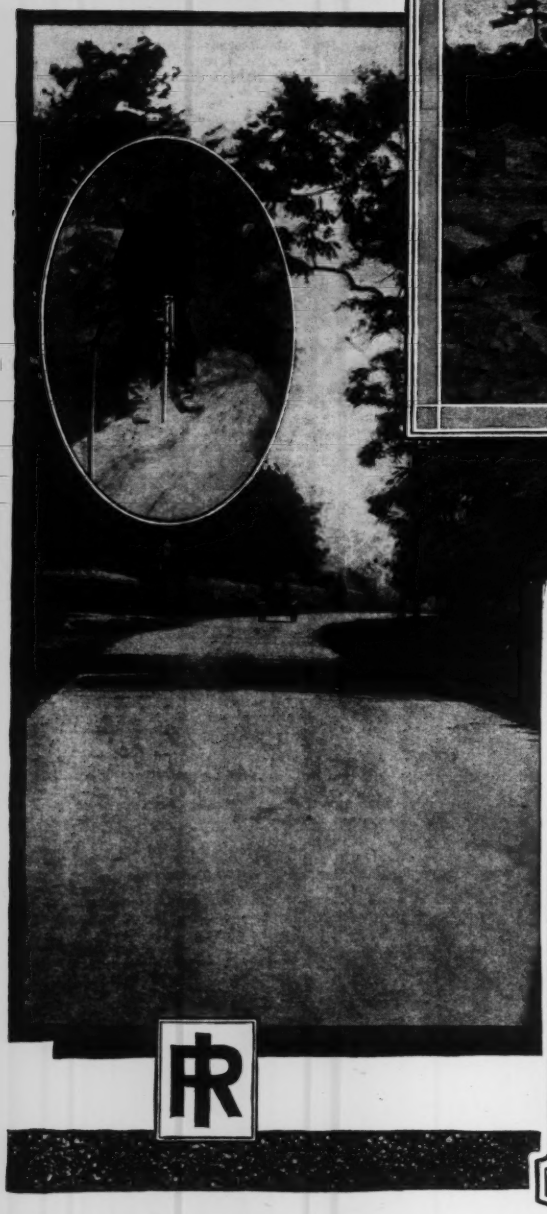
Tex., Brownsville—Cameron Co., election Dec. 30, $6,000,000 bonds, concrete and bituminous concrete paving approximately 220 mi. Highways 96, 100 and lateral county roads. W. O. Washington, Brownsville, co. engr. Noted Nov. 4.

Tex., Crowell—Foard Co., election about Feb. 1, $600,000 bonds, hard paving 34 mi highway. Address J. Owens, Crowell, co. judge.

Tex., Farwell—Parmer Co., election Feb. 1, $200,000 bonds, hard paving approxi-

Constr. News page 389





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Streets and Roads—(Continued)

mately 24 mi. main highway. Address E. F. Lokey, Farwell, co. judge.

Tex., Floydada—Floyd Co., election Feb. 28, $500,000 bonds, hard paving 40 mi. Lee Highway and Highway 28. Address E. C. Nelson, Jr., Floydada, co. judge.

Tex., Giddings—Lee Co. soon takes bids grading and bridging 10 mi. Taylor-Lexington Rd. $30,000. M. Swain, Giddings, div. engr.

Tex., Luling—Takes bids after Dec. 13, alternate types paving 8 blocks various streets. $50,000. Address Mayor.

Tex., Matador—Motley Co., election about Feb. 1, $350,000 bonds, grading, bridging and hard paving 32 mi. main highways. Address C. L. Glenn, Matador, co. judge.

Tex., Muleshoe—Bailey Co. election Feb 1, $500,000 bonds, hard paving 35 mi. Highways 7 and 28. Address W. G. Kenedy, Muleshoe, co. judge.

Tex., Olton—Lamb Co., election about Feb. 1, $750,000 bonds, hardsurfacing 45 mi. Highways 7 and 28. Address E. N. Burress, Olton, judge.

Tex., Paducah—Cottle Co., election about Feb. 1, $750,000 bonds, gravel surfacing 42 mi., and hard paving 30 mi. various roads. Address J. L. Whatley, Paducah, judge.

Tex., Pampa—Gray Co., election latter part of January or 1st part of February, $1,200,000 bonds, grading, bridging, etc., all unpaved main highways. Address T. M. Wolfe, Pampa, co. judge.

Tex., Plainview—Hale Co., election about Feb. 1, $900,000 bonds, grading, bridging and hard paving 70 mi. Highways 9 and 28, 18 and 20 ft. Address M. F. Griffin, Plainview, co. judge.

Tex., Vernon — Wilbarger Co., election about Feb. 1, $200,000 bonds, high type paving 16 mi. Highway 28. Address J. V. Townsend, Vernon, engr.

Tex., Wellington — Collingsworth Co. takes bids about Dec. 28, brick on concrete paving approximately 40,000 sq.yd. various streets. $140,000. C. L. Hasie, Memphis, engr.

Okla., Blackwell—Plans grading, curbing, guttering and vertical fibre brick paving 10,770 sq.yd. South 9th and South 10th Sts. $47,226. W. Ritzhaupt, Blackwell, engr.

Okla., Cordell—Making plans grading, curbing and concrete paving 13,870 sq.yd. Washita and Franklin Sts. $41,740. C. A. Wood, Stillwater, engr.

Okla., Newkirk—Making preliminary plans grading, curbing and concrete paving 30,420 sq.yd. Maple, Elm and Mulberry Sts. $91,300. Musson & Co., Grain Exch. Bldg., Oklahoma City, engrs.

Okla., Norman—Plans grading, curbing and asphaltic concrete paving 8,200 sq.yd. East Symnes and East Hughes Sts. $34,-700. F. Cobb, Norman, engr.

Okla., Oklahoma City — Plans grading, curbing and sheet asphalt paving 6,170 sq yd. Blackwelder Ave. $29,236. B. M. Hart, City Hall, engr.

Okla., Oklahoma City — Plans grading, curbing and sheet asphalt paving 12,467 sq.yd. Military Ave. $66,705. B. M. Hart, City Hall, engr.

Okla., Ponca City—Making plans grading, curbing and vertical fibre brick paving 6,670 sq.yd. North 9th St. and 2 alleys. $29,220. E. A. Jones, Ponca City, engrs.

Okla., Ponca City—Plans grading, curbing and vertical fibre brick paving, etc., 5,730 sq.yd. Oak St. $26,309. E. A. Jones, Ponca City, engrs.

Okla., Stillwater—Making plans grading, curbing and concrete paving, etc., 9,180 sq. yd. Hester St. $29,740. C. A. Wood, Stillwater, engr.

Okla., Tonkawa—Plans grading, curbing and vertical fibre brick paving 8,175 sq.yd. 3rd and North Sts. $34,460. F. H. Kilburn, Tonkawa, engr.

Nev., Reno—Plans paving, etc. 65 blocks various streets. H. Chism, city engr.

Calif., Barnes City—Made plans curbing, walks and 5½ in. concrete paving various streets. To exceed $25,000. A. B. Waddingham, Central Bldg., Los Angeles, engr.

Calif., Los Angeles — Common Council made plans widening 1st St. between Los Angeles and Hill Sts. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Made plans paving, etc., Flower St. from Washington to 38th Sts.; also widening, etc., Slauson Ave. between Central Ave. and Figueroa St., $500,000.

Calif., Los Angeles — Plans improving Cahuenga Blvd. from Oakcrest to Landershim Bridge. To exceed $50,000. J. C. Shaw, City Hall, engr.

Calif., Los Angeles—Made plans widening Vermont Ave. between San Marino and Washington Sts. $2,000,000 of which $1,-267,068 is damages to real estate. J. C. Shaw, City Hall, engr.

Calif., San Diego—Made plans concrete curbing, sidewalks, and 5 in. concrete paving, etc., 64,043 sq.yd. Banard St., etc., 26,-994 sq.yd. Monte Coste St., 24,791 sq.yd. Pacific Pines St., and 8,699 sq.yd. Monte Mar Vista St. F. A. Rhodes, City Hall, engr.

Calif., San Francisco—Plans improving Sunset Dist. Blvd. $3,000,000-$3,500,000. M. M. O'Shaughnessy, city engr.

Calif., San Francisco—Made plans paving Pier 50, 34,500 sq.ft. 1½ in. Topeka and 2½ in. bituminous binder, and 246,000 sq.ft. 2 in. Topeka. F. G. White, State Bd. Harbor Comrs., Ferry Bldg., ch. engr.

Ont., London — Middlesex Co., making plans concrete paving various streets. $250,000. C. Talbot, Co. Bldgs., London, engr. Noted Dec. 2.

Ont., Toronto—Making plans opening and grading lane between Sanford and Bloomfield Aves.; Robinson St., asphalt resurfacing Robinson St.; curbing and asphalt on concrete paving Front St. $71,028. R. C. Harris, City Hall, engr.

Que., Quebec—Plans widening St. Eustache St.; and abolishing level crossings. $100,000. J. A. Tremblay, City Hall, engr.

Bids Desired

Massachusetts—Dec. 21, by Dept. Pub. Wks., Boston, bituminous macadam paving 3,207 ft. highway in Bellingham and Blackstone, 1,355 ft. in Beverly, and 4,200 ft. in Winchester; bituminous concrete paving 20,932 ft. in Chatham, and 18,077 ft. in Falmouth, all foregoing 18 ft. W. F. Williams, comr.

N. Y., New York—See "Unclassified."

New Jersey — Dec. 27, by State Hy. Comn., Trenton, grading, graveling and rein.-con. paving Route 14, Sects. 11A-12A-13A-16 and 17, Middletown Bridge to Estellville, Atlantic and Cape May Counties; also constructing approaches to Shark River Station Grade Crossing Elimination, on Route 7, Monmouth Co. A. L. Grover, secy.; adv. E. N.-R. Dec. 16.

Pennsylvania—Jan. 7, by State Hy. Dept., Harrisburg, rein.-con. paving, etc. 45,477 sq.yd. 1 project in McKean Co. W. H. Connell, eng. executive and deputy secy. of highways; adv. E. N.-R. Dec. 16.

Virginia—Dec. 29, by State Hy. Dept., Richmond, concrete paving 3 mi. Project F-221-B, and 10 mi. Project F-420-C; grading 1.8 mi. Project S-335-B; 4 bridges on Project S-406-E, F, G, H, bridge over Nottoway River, Project F-455-B, bridge over Waqua Creek, Project F-455-C, and bridge over Wallens Creek, Project S-481. C. S. Mullen, ch. engr.; adv. E. N.-R. Dec. 16.

S. C., Dillon—Jan. 6, at office City Clerk, paving, etc., 50,000 sq.yd. various streets. Johnson & Roberts, Marion, engrs.; adv. E. N.-R. Dec. 16.

Georgia—Dec. 21, by State Hy. Dept., East Point, gravel or limerock surfacing 4.52 mi. Brunswick-Jacksonville Rd., Federal Aid Project 432-A and B, Camden Co. W. R. Neel, highway engr.

Georgia—Dec. 22, by State Hy. Dept., East Point, grading, etc. 2.96 mi. Appling-Lincolnton Rd., State Aid Project 450-H, Columbia Co.; and concrete surfacing 8.439 mi. Camela-Thomasville Rd., Federal Aid Project 99-B, Thomas Co. W. R. Neel, highway engr.

Fla., Vero Beach—Jan. 6, by City Council, City Hall, curbing, guttering and asphalt on waterbound macadam paving 121,-835 sq.yd. various streets. Carter & Damerow, Inc., Vero Beach, engrs.; adv. E. N.-R. Dec. 16.

Ala., Birmingham — Jan. 10, by City Comn., concrete asphalt paving 10 blocks 33rd Ave. N., 10th Alley S., 2nd St. W., Huron St. Ensley, and 57th St. S., 20 to 60 ft. $81,330.

Kentucky—Feb. 18, by State Hy. Dept., Frankfort, grading, etc., 5.8 mi. Lawrenceburg-Harrodsburg Rd., Anderson Co., 6.6 mi. Albany-Tennessee State line Rd., Clinton Co., 6.8 mi. Central City-Russellville Rd., Muhlenberg Co., 10.7 mi. Pikeville-Whitesburg Rd., Pike Co., and 6.25 mi. Monticello-Clinton Rd., Wayne Co.; grading, surfacing, etc., 7.8 mi. Harrodsburg-Lawrenceburg Rd., Mercer Co., and 9 mi. Springfield-Lebanon Rd., Washington and Marion Counties; surfacing 4.8 mi. Bardwell-Wickliffe Rd., Carlisle Co., 7.2 mi. Owensboro-Beech Grove Rd., Daviess and McLean Counties, 6.9 mi. Clinton-Bardwell Rd., Hickman Co., 2.5 mi. Carlisle-Moorefield Rd., Nicholas Co., and 7.1 mi. Georgetown-Williamstown Rd., Scott Co. E. N. Todd, highway engr.

Wis., Waukesha — See "Contracts Awarded."

Ia., Clinton—Dec. 22, at office Auditor Clinton Co., paving and bridge work on various roads. E. B. Lorenzen, Clinton, co engr.

Ia., Clinton—Dec. 22, at office Auditor Clinton Co., grading, paving, etc., 85,737 sq. yd. Federal Aid Project 302; and 167,371 sq.yd. U. S. Highway 61, Federal Aid Project 292.

Mo., St. Joseph — See "Contracts Awarded."

Tex., Dallas—Taking bids hard paving portions 102 streets. $3,000,000. City appropriates $360,791 toward cost and balance to be borne by property owners. E. A. Kingsley, city engr.

Tex., McAllen—Manor Development Co. taking bids paving various streets. $35,000. Private plans.

Tex., Wellington — Dec. 28, by City Comn., brick on concrete paving 43,000 sq. yd. various streets. $85,000. C. L. Hasie, Memphis, engr.

Oklahoma—Dec. 21, by State Hy. Dept., Oklahoma City, grading, etc., 48,000 cu.yd. State Highway 1, Alfalfa Co., $35,000; 33,-800 cu.yd. State Highway 6, Craig Co., $30,-000; 46,000 cu.yd. State Highway 3, Canadian Co., $25,000; 144,000 cu.yd. State Highway 33, Logan Co., $60,000; 77,000 cu. yd. State Highway 2, Grant Co., $47,000; 133,000 cu.yd. State Highway 11, Osage Co., $71,000; 74,000 cu.yd. State Highway 11, Pawnee Co., $30,000; 217,000 cu.yd. State Highway 1, Payne Co., $91,000; 195,-000 cu.yd. State Highway 33, Payne Co., $78,000; 83,600 cu.yd. State Highway 1, Sequoyah Co., $42,000; and 102,800 cu.yd. State Highway 5, Stephens Co., $52,000. J. M. Page, highway engr.

Okla., Seminole—Dec. 20, by E. Magruder, city clk., grading, curbing and vertical fibre brick paving 8,500 sq.yd. Bway. $37,-216. Long & Co., Colcord Bldg., Oklahoma City, engrs.

Ont., Toronto—See "Contracts Awarded."

New Mexico—Dec. 28, by E. T. Mallery, state highway engr., Santa Fe, **(F. A. P. means Federal Aid Project)**, grading and one course crushed surfacing, etc., 9.507 mi. F. A. P. 146-C, Schedule 1, McKinley Co.; 10.355 mi. F. A. P. 146-C, Schedule 2, McKinley and San Juan Counties; 9.074 mi. F. A. P. 147-C, Schedule 1, 10.303 mi. Schedule 2, 10.035 mi. Schedule 3, also 9.266 mi. F. A. P. 147-E, all in San Juan Co.; and 7.083 mi. F. A. P. 160-A, Quay Co., for State Hy. Dept., Santa Fe.

Bids Received

N. Y., Brooklyn — Park Bd., at office Dept. Parks, Arsenal Bldg., Central Park, 5th Ave. and 64th St., New York City, F. D. Gallatin, pres., Dec. 7, grading, curbing, and sheet asphalt paving Ocean Parkway Terminus, Coney Island, here, from M. J. O'Hara, Neptune Ave. and West 19th St., $44,955. Noted Dec. 2.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, Dec. 8, sidewalks, etc., on Cortelyou Rd., from F. Persicano, 350 Fulton St., $2,342; stone block paving Flushing Ave., from Borough Asphalt Co., 1301 Metropolitan Ave., $23,-057; asphalt paving Benson and 12th Aves., from B. Turecamo Contg. Co., 8706 Bay 12th St., $6,972 and $11,272 respectively, East 28th St., from D. J. McCoy Asphalt Co., East 57th St. and Avenue U, $12,014. Noted Dec. 2.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., Dec. 8, grading, curbing, etc. Morgan Ave. and East 28th St., from F. Gabrielle, 1129 8th Ave., $13,876 and $4,381 respectively; East 212th St., from Burnside Contg. Co., 270 Burnside Ave., $6,634; Olinville Ave., from Spellone Contg. Co., 391 East 149th St., $30,458; Coddington Ave., from Asphalt Contg. Co., 208 Bway., $13,916. Noted Dec. 2.

Md., Baltimore — **Bd. Awards**, Dec. 8, sheet asphalt paving 13,000 sq.yd. streets listed in Contr. 381, from Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $57,091. **Noted Dec. 2.**

North Carolina—State Hy. Dept., Raleigh, clearing, grubbing, grading, etc., 10.37 mi. Project 637, Iredell Co., from W. E. Graham, Mt. Ulla, $63,890; and 10.59 mi. Project 624, Catawba Co., from Geer & Wilson, Rutherfordton, $65,526.

O., Cincinnati — Comrs. Hamilton Co., Dec. 3, grading and concrete repaving 47,-100 sq.yd. North Bend Rd., from Central Constr. Co., Columbus, $176,782. Engrs. est. $188,734. Noted Nov. 25.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, Nov. 30, grading, etc. 4,920 cu.yd. Clades Ave., from Morgan & Watkins, 6804 Pennsylvania Ave. $3,977, and 3,170 cu.yd. Devlin St., from M. J. Smith, 6771-A Nashville Ave. $3,185; also constructing Sect. 3, Plan B Camp Springs Pub. Relief Sewers, from Riley Contg. Co., 110 North 7th St., $13,631. Noted Nov. 11.

Ind., Evansville — Comrs. Vanderburgh Co., Nov. 29, concrete paving Petersburg

Constr. News page 389a

Streets and Roads (Continued)

Rd., from Holmes Constr. Co., Wooster, O. $213,000. Engrs. est. $252,679. Noted Nov. 11.

Colorado—State Hy. Dept., Denver, Nov. 26, sand surfacing 5.861 mi. Highway 4, Federal Aid Project 134-A, Div. 1, Kit Carson Co., from W. A. Colt & Son, Las Animas, $40,438; and gravel surfacing 2.864 mi. Highway 13, Federal Aid Project 282-D, Rio Blanco Co., from Winterburn & Lumsden, Grand Junction, $42,155. Noted Nov. 18.

Wash., Seattle—Bd. Pub. Wks., Nov. 26, 8 in. concrete paving, etc. 4,550 sq.yd. Harbor Ave. S. W. et al., from J. L. Smith, 304 West 36th St., $46,736.

Calif., Glendale—City, Dec. 2, grading, curbing, guttering, sewers, water services and concrete paving 119,803 sq.ft. and 3 in. oil macadam paving 56,749 sq.ft. Alpha Rd. and Los Encinos Ave., from E. L. Flemming, 221-A West Bway., approximately $74,760.

Calif., Los Angeles — From H. A. McCray, Subway Terminal Bldg., improving Pico Blvd., 2,852 lin.ft. curbing at $0.55 per lin.ft., 256 sq.ft. guttering $0.24, 14,532 sq.ft. sidewalk $0.14, 300 ft. 6 in. concrete paving $0.21, and 363,685 sq.ft. 8 in. $0.255, etc., total $118,257; from W. Liddington, 420 East 60th St., improving 73rd St., 1,802 lin.ft. curbing $0.50, 586 sq.ft. sidewalk $0.15, 851,437 sq.ft. 6 in. concrete paving $0.186, etc., total $180,981.

Calif., Los Angeles—From G. H. Oswald, 366 East 58th St., improving Hyde Park Blvd., grading $25,000, 1,062,357 sq.ft. 6 in. concrete paving, etc., $0.19 per sq.ft., etc., total approximately $234,970. Noted Dec. 2.

Calif., Los Angeles—From Martter & Bock, 1250 South Gramercy Pl., improving Cochran Ave., 463 lin.ft. curbing at $0.55 per lin.ft., 1,889 sq.ft. sidewalk $0.15, 80,-102 sq.ft. 6 in. concrete paving $0.20, etc., total $29,091. Noted Dec. 2.

Calif., Los Angeles — Supervs. Los Angeles Co., from B. R. Ford, 208 West 1st St., Santa Ana, improving Melrose Ave., 430 lin.ft. curbing at $0.45 per lin.ft., 19,-002 sq.ft. 7 in. guttering $0.22, 1,016 sq.ft. sidewalk $0.15, $0.2383, etc., total $92,561, engrs. est. $103,627; from J. M. Shull Co., 1260 Locust St., Riverside, streets in Parmalee Home tract, 9,330 lin.ft. curbing $0.42, 23,574 sq.ft. 6 in. and 3,133 sq.ft. 8 in. guttering $0.20 and $0.30 respectively, 42,875 sq.ft. sidewalk $0.155, and 3,200 cu.yd. earth excav. $0.95, etc., total $24,-720; engrs. est. $27,987. Noted Nov. 18.

Calif., Martinez—Supervs. Contra Costa Co., Dec. 6, improving Lafayette-Moraga Rd., 72,000 cu.yd. embankment, etc., from J. F. Collins, P. O. Box 4, Stockton, at $0.38 per cu.yd. Noted Nov. 18.

Calif., Oakland — Grading and vibrolithic concrete paving, etc., portions Lyman, Waterhouse Rds., from Heafey-Moore Co., 344 High St., approximately $69,550; also grading and 6 in. concrete paving 3rd St., from California Constr. Co., 58 2nd St., San Francisco, approxinfately $46,118. Noted Nov. 4.

Calif., San Diego—Grading, etc., 82,276 cu.yd. Coronado, Pescadora Sts., etc., from H. G. Fenton, 1980 Main St., $28,458.

Contracts Awarded

Mass., Boston—Dept. Pub. Wks., bituminous macadam paving 13,096 ft. Southern Route, to J. C. Coleman & Sons Co., 1620 Tremont St., $360,898. Noted Dec. 2.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., to J. D'Amato, Hammels, sidewalks on Caffrey Ave. $2,884, to O'Brien & Kurth, 8625 137th St., Jamaica, 39th St. $4,200, Stanhope St. $2,133, 75th St. $11,874, Abington Rd. $4,714, Willow Ave. $10,337, and 85th Ave. $4,005; to Highway Impvt. Co., 50 Church St., New York City, sheet asphalt paving 3rd Ave. $16,778, 103rd St. $12,233, Abingdon Rd. $13,998, to Sicilian Asphalt Paving Co., 38 Park Row, New York City, 11th Ave. $20,883, and 11th Ave. $32,803, to Uvalde Asphalt Paving Co., 1 Bway., New York City, Pulaski St. $3,794, and Broad St. $30,490. Grand total $166,412. Noted Dec. 2.

N. Y., New York—H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., sewers in Paulding Ave., to A. Caserta, 2431 Barnes Ave., $1,013; Randall Ave., to J. C. Brennan & Son, 1667 Popham Ave., $18,-901; and St. Pauls Ave., to F. Gabrielle, 1129 8th Ave., $13,013. Grand total $32,-927. Noted Dec. 9.

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading and sidewalks on 15th Ave., etc., to M. A. Zappone, 133 32nd St. $2,612, and Avenue U, to G. N. Mandato, 201 Neck Rd., $1,131; grading and asphalt paving West 12th and 60th Sts., to M. J. O'Hara, Neptune Ave. and West 19th St. $2,138 and $9,638 respectively, also 65th St., to B. Turecamo, New Cropsey Lane $31,519. Grand total $47,-038. Noted Dec. 2.

Md., Baltimore—Bd. Awards, sheet asphalt paving 7,000 sq.yd. streets listed in Contr. 380, to P. Flanigan & Son, Harford Rd. and Baltimore & Ohio R.R. tracks, $34,891. Noted Dec. 9.

North Carolina — State Hy. Dept., Raleigh, grading, plain concrete paving, etc., 6.54 mi. Project 829, and 6.52 mi. Project 828, both Henderson Co., to Ziegler Bros., Greensboro, $163,888 and $165,849 respectively. Noted Oct. 28.

La., Baton Rouge — East Baton Rouge Parish, grading, curbing and concrete paving approximately 39,000 sq.yd. North Blvd. and Clay Ave., to R. G. Lassiter & Co., Citizens Bank Bldg., Raleigh, N. C., $85,-000. Noted Nov. 11.

O., Cincinnati — Dept. Pub. Serv., concrete repaving, etc., 26,000 sq.yd. Quebec Ave., to C. Henkel, 138 West University Ave., $249,145. Engrs. est. $279,167. Noted Dec. 9.

O., Cincinnati — Hamilton Co., grading and tar bound macadam repaving, etc., 10,-700 sq.yd. Carthage Rd., to Byrnes & Conway, Hazen Bldg., $21,886. Engrs. est. $25,004. Noted Dec. 2.

O., Columbus—W. H. Duffy, dir. Pub. Serv., curbing, guttering, widening, sidewalks, etc., on High St., to Yale Ave. Constr. Co., 146 Yale Ave., $83,503. Noted Nov. 11.

Ind., Crown Point—Comrs. Lake Co., concrete paving 5 mi. Verplank and Fleming Rds., to M. D. Heiny, Gary, $101,-900. Engrs. est. $102,700. Noted Nov. 11.

Ind., Hammond—Bd. Wks. paving 121st St., to Williston Constr. Co., 105 Circle Ave., South Bend, $57,639. Engrs. est. $59,100.

Michigan—W. W. Lavers, resident engr., Plymouth, concrete paving 5.172 mi. F. A. 212, Sect. B., 20 ft., Macomb Co., to T. E. Currie, 909 Transportation Bldg., Detroit, for State Hy. Dept., Lansing, $175,-165. Noted Oct. 7.

Wis., Waukesha—Waukesha Co., C. J. Hahn, highway comr., will gravel surface approximately 40 mi. various roads during 1927, with own forces.

Ill., Chicago—Board Local Impvts., Room 207, City Hall, grading and concrete paving Public Alleys between 48th Pl., 45th St., Lawrence and Vincennes Aves., to J. Dillon & Co., 2953 South Halstedt St.; grading, curbing, guttering and 8 in. concrete paving portion Bloomingdale Ave. to J. A. Ross & Co., 4561 Armitage St., portion South Paulina St., to Central Paving Co., 179 West Washington St., portion West 75th St., to Hedges Constr. Co., 64 West Randolph St., and portion West 76th St., to Smith & Brown, 111 West Washington St.; grading, curbing, guttering and asphalt on 6 in. concrete paving portion Catalpa, 5th and Wellington Aves., to J. V. McCarthy Co., 77 West Washington St., portions South Irvington and South Maplewood Aves., to Amer. Asphalt Paving Co., 133 West Washington St., portion North Sayer Ave., to Ryan Co., 4500 West Division St., portions West 63rd Pl., West 64th Pl., West 64th St., South Major and Manard Aves., to Commonwealth Impvt. Co., 133 West Washington St.; grading, curbing, guttering and 10 in. concrete paving portion West 87th St., to Calumet Coal Co., 9022 Canal Ave. Noted Nov. 18.

Ia., Greenfield—Adair Co., to N. C. Nelson, Omaha, Neb., improving Federal Aid Project, 256, 125,702 cu.yd. excav. at $0.25 per cu.yd., 200 cu.yd. rock excav. $1.50 and $2, 151,500 sta.yd. overhaul $0.02, and 700 ft. culvert labor $0.45 to $0.60.

Ia., Osceola—Clarke Co., to Naylon Bros., Omaha, Neb., improving Federal Aid Project 241-C, 174,544 cu.yd. excav. at $0.244 per cu.yd., 200 cu.yd. rock excav. $1.50 and $2, 174,600 sta.yd. overhaul $0.02, and 900 ft. 15- to 24-in. culvert labor $0.40 to $0.50. Noted Nov. 11.

Ia., Winterset — Madison Co., to J. C. Parquette, 7 Marks Bldg., Des Moines, improving Federal Aid Project 464, 83,756 cu. yd. earth excav. at $0.256 per cu.yd., 209 cu.yd. rock excav. $0.50, 41,400 sta.yd. overhaul $0.02, and 1,280 ft. culvert labor $0.25. Noted Nov. 18.

Minnesota—State Hy. Comn., St. Paul, **(F. A. P. means Federal Aid Project and S. P. means State Project)**, to G. J. Grant Constr. Co., 904 Exch. Bank Bldg., St. Paul, grading 150,000 cu.yd. S. P. 2-27, Div. B, F. A. P. 348 $47,200, to M. W. Barnard & Sons, 506 Globe Bldg., Minneapolis, 62,-000 cu.yd. S. P. 2-23, Sect. 1, F. A. P. 348 $25,302, to Nolan Bros., 18 North 2nd St., Minneapolis, 380,000 cu.yd. S. P. 4-31, F. A. P. 392 $131,326, to C. W. McNamara, 436 North Spring Ave., Sioux Falls, S. D., 106,-000 cu.yd. S. P. 6-47, F. A. P. 388 $23,[illegible] to C. F. Sculley Equipment Co., 212 Dak[illegible] Bldg., St. Paul, 90,000 cu.yd. S. P. 9-[illegible] Sect. 1, F. A. P. 399 $144,853, to Tobin [illegible] Maloney, Madison, S. D., 242,000 cu.yd. [illegible] P. 9-40, Sect. 1, F. A. P. 398 $29,384, to [illegible] F. Lehrer, Bayport, 210,000 cu.yd. S. [illegible] 12-25, F. A. P. 305 $65,506; to Nels[illegible] Mullen & Nelson, 355 Temple Court Bld[illegible] Minneapolis, 147,200 cu.yd. S. P. 11-23, [illegible] A. P. 379 $91,573, 255,400 cu.yd. S. P. 59-2[illegible] Sect. 4, F. A. P. 357 $235,439, and 50,3[illegible] cu.yd. S. P. 68-22, Sect. 1, F. A. P. 3[illegible] $30,982; to Larson Constr. Co., Albert L[illegible] paving 120,000 sq.yd. S. P. 1-26, F. A. [illegible] 321 $179,372, also to M. J. Nolan, [illegible] Temple Court Bldg., Minneapolis, 69,600 s[illegible] yd. S. P. 3-46, Sect. 2, F. A. P. 307 $94,9[illegible] and 129,300 sq.yd. S. P. 10-23, F. A. [illegible] 210 $182,363. Grand total $1,281,74[illegible] Noted Nov. 11.

Kan., Ft. Scott — Bourbon Co., 10½ [illegible] bitulithic macadam surfacing 37,173 sq.yd. Nevada Rd., Federal Aid Project 336-A, to Throgmartin & Sons, Ft. Scott, $109,37[illegible] Noted Oct. 28.

Kan., Eureka—Greenwood Co., grading, etc., 2.922 mi. Federal Aid Project 322-[illegible] and C, to S. W. Poor, 927 Lincoln St., Topeka, $25,067.

Kan., McPherson—McPherson Co., grading, etc. 9.04 mi. Federal Aid Project 287-A, also I-beam span bridge on same road, to Stimson Constr. Co., New England Bldg., Topeka, $44,329. Noted Nov. 11.

Kan., Olathe—Johnson Co., brick surfacing 6.489 mi. Federal Aid Project 315-C, to Cook & Stucker, Ottawa, $265,374, concrete slab bridge on same road, to Campbell Bros., 608 Manufacturers Exch., Kansas City, Mo., $3,484; also concrete slab bridge to Stumoff & King, Zarah, $3,127. Grand total $262,985. Noted Nov. 4.

Kan., Smith Center—Smith Co., grading, etc., 8.407 mi. Federal Aid Project 364-A, to H. C. Botsford, Lawrence, $44,253; 3 bridges on same road, to Bliss & Bliss, Mankato, $8,950. Noted Nov. 18.

Mo., St. Joseph — St. Joseph & Grand Island R.R. Co., R. L. Huntley, ch. engr., 1416 Dodge St., Omaha, Neb., will construct 1,500 ft. additional roadway, 12 ft. on south side Grand Island Bridge, over Missouri River, here, by own forces.

Mo., Stanberry — For 7 in. concrete paving 8,511 yd. various streets, to C. H. Atkinson Paving Co., Watertown, S. D., $27,573.

Arkansas—State Hy. Dept., Little Rock, grading, concrete and bituminous concrete paving, etc., 1.24 mi. Federal Aid Project 243-A between Ft. Smith and Van Buren, incl. 7,439 lb. reinforcing, etc., to J. A. Burke, 100 North 18th St., Ft. Smith, $48,-349. Noted Nov. 25.

N. D., Napoleon — Auditor Logan Co., grading, etc., 14.945 mi. State Rd. 47, east on Burnstad, Federal Aid Project 329, to Jahwig & Davies, Britton, S. D., $51,452. Noted Dec. 2.

Tex., Amarillo—For 3 in. brick on 4 and 5 in. concrete paving, etc., Jackson, 17th and 22nd Sts., also Harrison, Lipscomb and 3rd Sts., to El Paso Bitulithic Co., 160 Peedras St., El Paso, $28,347 and $38,851 respectively.

Tex., Brenham—Washington Co., rein.-con. paving 19 mi. Highway 36, 20 ft. to Harrison Eng. & Constr. Co., Ellicott Sq., Buffalo, N. Y., $451,109. Noted Nov. 11.

Tex., Galveston — Galveston Co., grading, bridging, and rein.-con. paving, etc., 3.111 mi. Highway 6, Federal Aid Project 466-J, to J. W. Zempter & Co., 2321 F St., $133,975. Engrs. est. $175,600. Noted Nov. 25.

Tex., Pampa—Concrete paving 31,000 yd. various streets, to Stuckey Constr. Co., P. O. Box 1445, Wichita Falls, $100,900. Noted Dec. 2.

Tex., San Antonio — E. T. Smith, chn. State Hy. Comn., Austin, clearing, grubbing, grading, bridging and gravel surfacing 9.152 mi. Highway 3, Federal Aid Project 459, Bexar Co., to Cook & Arrington, Crockett, $110,202. Engrs. est. $114,700. Noted Nov. 25.

Okla., Oklahoma City — Widening and sheet asphalt paving 10 blocks North Walnut Ave., to Western Paving Co., Tradesmens Bldg., $57,018. Engrs. est. $58,000. Noted Oct. 7.

Okla., Stillwater—Grading, curbing and concrete paving 15,670 sq.yd. Main and East 14th Sts., to T. Gudgel, Stillwater, $47,555. Engrs. est. $49,000.

Idaho—State Comn. Pub. Wks. at office County Comr., Blackfoot, hardsurfacing 9.09 mi. Yellowstone Park Highway across Bingham Co., to J. C. Compton, McMinnville, Ore., $165,000.

Arizona — State Hy. Comn., Phoenix, grading, concrete paving, etc. Miami-Globe Highway Federal Aid and Non Federal Aid

Constr. News page 390

Streets and Roads (Continued)

Project 91, to Borderland Constr. Co., Tucson, $50,451.

California—State Hy. Comn., Sacramento, widening and thickening 4.7 mi. highway along Ocean Front between Seacliff and Dunham Way, Ventura Co., to J. E. Knapp, approximately $198,000.

Calif., La Mesa—Grading, curbing and 5 in. concrete paving, etc., Lookout Ave., etc., to R. E. Hazard Contg. Co., 2548 Kettner St., approximately $180,500. Noted Nov. 18.

Calif., San Diego—Common Council improving Cable St., etc., to Griffith Co., 1398 Newton Ave., $48,655; also Coronado Ave., etc., to H. G. Fenton, 1980 Main St., $28,458. Noted Dec. 9.

Calif., San Diego—Common Council, grading and concrete curbing, concrete paving etc., 20,403 sq.ft. Reed, Oliver Sts., etc., to Harris & Wearn, $73,784; also grading, curbing and concrete sidewalks on 19,296 sq.ft. Curlew St., etc., to H. H. Peterson, Spreckels Bldg., $29,974. Noted Dec. 2.

Calif., San Diego — Bd. Supervs. San Diego Co., paving, etc. Euclid Ave., to D. H. Ryan, 1615 Fern St., $228,701. Noted Nov. 18.

Calif., San Diego—Bd. Supervs. San Diego Co., sidewalks, grading, and 4 in. concrete paving, etc. 183,509 sq.ft. streets in Kensington Heights, to O. U. Miracle, 1604 Dale St., $94,245. Noted Sept. 16.

Ont., Toronto — T. Foster, mayor, City Hall, asphalt on concrete paving Belsize Dr., to Dufferin Constr. Co., foot Bathurst St. $21,015, Glen Manor Dr., Winthrope Rd., Cavendish and Weller Sts., to Kilmer & Barber, 10 Adelaide St. E. $18,017; hillside brick block on concrete paving Glen Manor Dr. W., etc., to Grant Contg. Co., 47 Wellington St. E., $25,867; and asphalt paving Manor Rd. E., to Godson Contg. Co., 203 Richmond St. E., $20,926. Grand total $85,825.

Ont., Toronto—To Grant Contg. Co., 47 Wellington St. E., Hillside brick paving Weller St. and Winthorpe Rd., $11,857; to city by day labor, asphalt surfacing Kentyre Ave. $1,222, asphalt on concrete paving Austin and Heath Crescents, and 4 avenues $8,039, bitulithic on concrete paving Rosedale Heights Dr. $4,270, concrete paving Glenview Ave. and 3 lanes $5,707, and asphalt paving Glen Manor Dr. W. $4,545. Grand total $35,641. Noted Aug. 19.

Ont., Toronto—York Twp., asphalt paving Cedric Ave., to Constructing & Paving Co., Confederation Life Bldg., $15,046, asphalt on concrete paving St. Johns Rd., Earlscourt and Teignmouth Aves., to Godson Contg. Co., Ltd., 203 Richmond St. E. $35,503; also High St., Dundurn Crescent, Chambers and Shortt Aves., to Kilmer & Barber, 10 Adelaide St. E. $21,249. Grand total $71,798.

SEWAGE TREATMENT PLANT—DECATUR, ILL.

Bids were opened by Sanitary District, Oct. 27, for addition to sewage treatment plant, Contr. No. 5, from (A) File & Collins, Decatur, (awarded contract); (B) Cope & Fisher, Decatur; (C) Merkle Contracting Co., Kansas City, Mo.; (D) Donovan Construction Co., St. Paul, Minn.; (E) Cities Construction Co., Hammond, Ind.; E. P. Strandberg Co., Chicago, $163,709; W. J. Newman Co., Chicago, $164,877; W. S. Gearhart, Robinson, $180,997; Folwell Ahlskog Co., Chicago, $184,299. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
9,000 cu.yd. earth excavation	$0.50	$1.45	$0.45	$1.05	$1.00
5 cu.yd. rock excavation	5.00	5.00	5.00	5.00	5.00
400,000 lb. reinforcing steel	.053	.042	.055	.0445	.055
2,400 lb. reinforcing mesh	.075	.085	.09	.065	.20
1,670 cu.yd. concrete in floors and footings, Class A	12.25	10.85	16.00	13.35	15.00
1,550 cu.yd. concrete in walls, conduits, etc. Class A	20.00	22.70	22.00	21.39	36.00
75 cu.yd. concrete Class B	11.00	9.80	13.00	14.52	27.00
700 lin.ft. copper pl. expansion joint	.78	2.50	1.80	1.70	2.50
600 lin.ft. mastic expansion joint	.90	1.05	.80	.71	1.20
12,000 lb. miscellaneous steel and wrought iron	.13	.10	.15	.1475	.15
12,000 lb. miscellaneous iron castings	.13	.11	.11	.13	.15
1,400 lb. miscellaneous bronze and brass	.50	.70	.40	.87	1.00
950 sq.ft. subway grating	1.65	1.25	2.00	1.92	2.35
120 lin.ft. pipe railing	1.63	1.65	4.50	4.65	3.50
45,000 lb. cast iron pipe, bell and spigot	.037	.047	.04	.053	.08
21,000 lb. cast iron specials, bell and spigot	.093	.11	.06	.138	.15
17,500 lb. cast iron specials, flanged	.132	.14	.15	.15	.18
66 aeration containers, 18 pl.	10.10	18.50	12.00	14.40	25.00
6 aeration containers, 8 pl.	8.10	16.00	10.00	9.60	19.50
29 aeration containers, 10 pl.	8.40	14.75	10.00	10.00	24.00
700 lin.ft. filler blocks	.56	.62	.50	.86	1.20
1,600 lin.ft. wrought iron pipe, 1 in. and less	.28	.42	.20	.275	.35
50 lin.ft. wrought iron pipe, 2 in.	.69	1.10	.50	.74	1.00
350 lin.ft. wrought iron pipe, 2½ in.	1.02	1.45	.75	1.048	1.50
380 lin.ft. wrought iron pipe, 3 in.	1.30	1.60	1.00	1.34	1.60
400 lin.ft. wrought iron pipe, 4 in.	1.98	2.05	1.50	1.765	2.10
500 iron pipe fittings, 1 in. and less	.37	.42	.35	.62	.60
60 iron pipe fittings, 2 in.	1.02	.85	.70	.90	2.00
240 iron pipe fittings, 2½ in.	1.51	1.75	1.10	1.94	2.25
70 iron pipe fittings, 3 in.	2.60	2.10	1.50	2.15	2.50
80 iron pipe fittings, 4 in.	4.80	3.60	2.50	3.21	4.50
70 angle hose stop and waste valves, 1 in. and less	2.40	1.45	1.00	4.47	1.80
2 angle valves, 2 in.	5.19	5.00	4.00	8.18	7.50
16 angle and hose valves, 2½ in.	11.52	9.00	7.50	11.60	10.50
38 angle gate and check valves, 3 in.	16.80	14.75	12.00	12.58	13.75
10 globe gate and check valves, 4 in.	27.60	24.50	14.00	22.25	19.20
8 gate and check valves, 8 in.	65.00	56.00	50.00	73.50	70.75
6 angle and check valves, 10 in.	97.00	95.00	70.00	92.70	95.00
3 gate valves with floor stands, 24 in.	305.85	336.00	350.00	400.00	381.00
6 sluice gates, 8 in. diameter	77.00	56.00	75.00	121.10	87.00
6 sluice gates 24 in. rectangular, with floor stands	265.65	276.00	400.00	420.20	330.00
12 stop planks	1.00	2.50	5.00	3.50	7.75
3 condensate traps	8.90	40.00	20.00	15.00	86.00
Sludge thickener equipment and appurtenances (lump sum)	31,108.00	29,000.00	28,200.00	32,469.00	35,022.00
Sewage meters and indicators (lump sum)	3,368.42	3,330.00	3,200.00	3,572.00	3,962.00
Air meters and indicators (lump sum)	555.00	595.00	500.00	528.00	1,045.00
Sludge meters (lump sum)	1,405.14	1,450.00	1,350.00	1,466.00	1,500.00
Sludge pumps and motors (lump sum)	1,815.00	1,675.00	1,800.00	2,307.00	2,388.00
Sump pump (lump sum)	418.00	430.00	400.00	550.00	578.00
Electric wiring (lump sum)	550.00	425.00	450.00	374.00	467.00
Meter building and sidewalk lights (lump sum)	1,885.00	1,660.00	1,800.00	1,513.00	2,572.00
5 M. ft. b.m. sheeting left in place	20.00	10.00	50.00	76.50	70.00
5 M. ft. b.m. plank foundation	60.00	10.00	50.00	72.70	150.00
10 cu.yd. brick masonry	25.20	25.00	18.00	20.72	40.00
Cleaning up (lump sum)	200.00	100.00	300.00	500.00	1,000.00
Extended totals	$142,786	$148,361	$149,811	$156,746	$197,973

Buildings — Commercial

Proposed Work

Me., Orono — AGRICULTURAL — University of Maine, F. S. Young, treas., plans agricultural building addition. $165,000. Engineer and architect not selected.

Me., Sorrento—HOTEL—U. S. Building Corp., c/o B. Dorf, Park Row, New York City, plans hotels, cabins and bungalows, here. $300,000. Engineer and architect not selected.

N. H., Portsmouth—HOME—Wentworth Home for Chronic Invalids, 348 Pleasant St., having sketches made by R. Coit, 9 Park St., Boston, Mass., altering and constructing 3 story and basement, brick and stone addition, plain foundation, Wentworth and Pleasant Sts. $150,000.

Mass., Amesbury—STORE and OFFICE —Rudnick & Kaye, 19 Milk St., Boston, having revised plans prepared by S. E. Moffie, 51 Cornhill, Boston, 3 story and basement, brick, plain foundation, Main St., here. $150,000.

Mass., Belmont (br. Boston) — HOSPITAL — Commonwealth of Massachusetts, Dept. Mental Diseases, State House, Boston, plans hospital, here. $3,000,000. Engineer and architect not selected.

Mass., Boston — DANCE HALL and STORE—H. B. Barron, 32 Abbott St., Dorchester, having plans prepared by S. S. Levy, 35 Court St., 2 and 3 story and basement, 90 x 120 ft., rein.-con., brick and steel, plain foundation, Wellington Hill St., Mattapan Dist., here. $150,000.

Mass., Boston — OFFICE — Commonwealth of Massachusetts, Metropolitan Dist. Comn., Boston plans office building. $600,000. Engineer and architect not selected.

Mass., Brookline (br. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Chelsea (br. Boston)—APARTMENT — Theise, 174 Commercial St., Boston, having sketches made by J. E. Mullaney, 25 Grozier Rd., Cambridge, 3 story and basement, brick and stone, plain foundation, Chestnut St., here. $165,000.

Mass., East Boston (sta. Boston)—OFFICE and GARAGE—Standard Oil Co. of New York, 26 Bway., New York City, soon takes bids 1 and 2 story, 50 x 55 ft., and 90 x 122 ft., rein.-con. and tile, Chelsea St., here. Private plans.

Mass., Lawrence—STORE and OFFICE —Franklin Associates, c/o Ashton, Huntress & Alter, archts., 477 Essex St., having preliminary plans prepared altering and constructing 3 story and basement addition, Essex St. $150,000.

Mass., Lynn—HOSPITAL—Town, R. F. Whittier, chn. com., having plans prepared by Stevens & Lee, 45 Newbury St., Boston, 3 story and basement, brick and steel, plain foundation. $175,000.

Mass., Northampton — HOME — White Eagle Home Assn., c/o W. Szczspanek, archt., 100 Briggs St., having plans prepared 2 story and basement, brick and stone, plain foundation, Pell and Strong Aves. $150,000.

Mass., Somerville (Boston P. O.) — STORE — F. W. Woolworth Co., Park Sq. Bldg., Boston, plans altering and constructing 2 story and basement, brick and stone addition, plain foundation, 260 Elm St., here. $150,000. H. Grindman, c/o owners, engr.

Mass., Taunton—THEATRE—Donovan Amusement Co., J. J. Donovan, pres., plans theatre, Bway. To exceed $150,000. Engineer and architect not selected.

Mass., Winchester — HOSPITAL — Winchester Hospital, B. L. Norton, supt., 41 Highland Ave., having new plans prepared by Kendall, Taylor & Co., 142 Berkley St., Boston, 3 story and basement, brick and stone addition, plain foundation, Highland Ave. $160,000. Former bids rejected. Noted Oct. 7.

R. I., Woonsocket—BANK and OFFICE —Woonsocket Institute for Savings, c/o T. M. James Co., archts., 3 Park St., Boston, Mass., having preliminary plans prepared 2 story and basement, rein.-con., brick and steel, plain foundation, Main St., here. $150,000.

Conn., Hartford — THEATRE — Arcade Realty Co., c/o E. T. Wiley, archt., 75 Pratt St., having plans prepared brick and steel theatre in rear of office building (now under construction), State St. $150,000.

Conn., New London — APARTMENT — City Building Co., T. Bodenwein, 47 Main St., c/o Day Publishing Co., plans 3 story, brick and steel, Main St. $250,000. Private plans.

Conn., West Hartford (br. Hartford) — THEATRE—Owner, c/o G. H. Matthews, archt., 48 Camfield Ave., Hartford, having preliminary sketches made theatre, Raymond Rd., here. $150,000.

N. Y., Brooklyn — APARTMENT — Penmar Realty Corp., c/o Shampan & Shampan, archts., 188 Montague St., having plans prepared 100 x 140 ft., brick, steel and stone, plain foundation, Penn St. and Marcy Ave. $500,000.

N. Y., Brooklyn — APARTMENT — Seventy-Seven Eastern Parkway Corp., c/o Shampan & Shampan, archts., 188 Montague St., having plans prepared 6 story, 100 x 120 ft., brick, steel and stone, plain foundation, Ridge Blvd. $500,000.

N. Y., Buffalo — COURT HOUSE — City having plans prepared by H. L. Beck, 63

Constr. News page 391

AMERICA NEEDS MORE GARAGES IN HER CITIES

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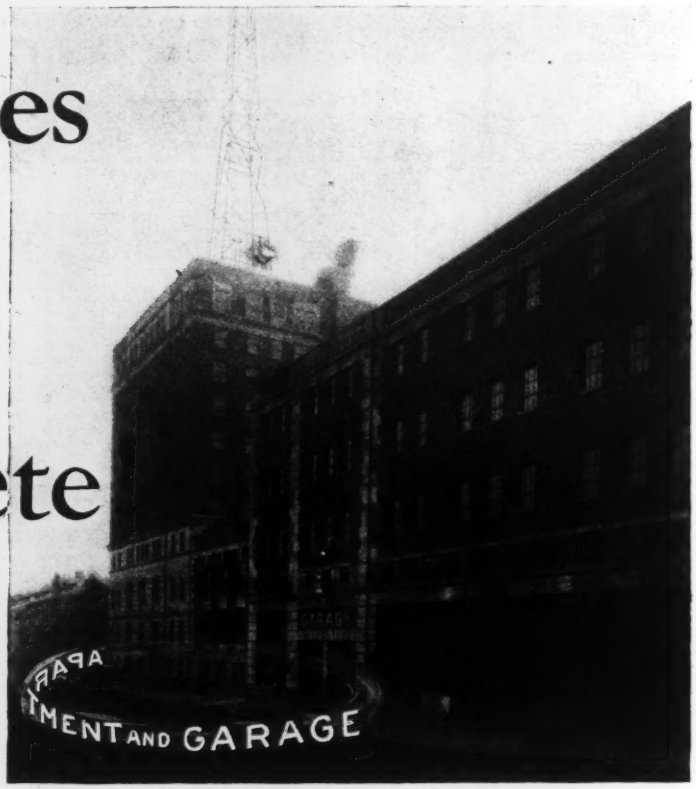

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Buildings—Commercial (Continued)

Niagara St., rein.-con., brick and steel, Delaware Ave. $200,000.

N. Y., New York—APARTMENT—Lexington Avenue and 63rd Street Corp., S. Pollard, pres., c/o Murgatroyd & Ogden, archts., 285 Madison Ave., having plans prepared 23 story, 112 x 120 ft., brick, steel and stone, plain foundation, Lexington Ave. and 63rd St. $2,500,000.

N. Y., New York—APARTMENT—Longleaf Holding Corp., c/o Meisner & Uffner, archts., 565 East Tremont Ave., having plans prepared 6 story, 55 x 155 ft., brick, steel and stone, plain foundation, Sheridan Ave. $175,000.

N. Y., New York—APARTMENT—Malstone Realty Corp., c/o S. J. Kessler, archt. and engr., 529 Cortlandt Ave., having plans prepared 6 story, 90 x 100 ft., brick, steel and stone, plain foundation, Gleason Ave. $180,000.

N. Y., New York—BANK and OFFICE—Chase Natl. Bank, A. H. Wiggin, pres., 57 Bway., New York City, having sketches made by Graham, Anderson, Probst & White, archts. and engrs., 120 Bway., brick, steel and stone, plain foundation, Nassau St. $10,000,000. Noted Dec. 9.

N. Y., New York — OFFICE — Avlum Realty Corp., c/o G. and E. Blum, archts., 415 Lexington Ave., having plans prepared 17 story, 73 x 99 ft., brick, steel and stone, plain foundation, 545-551 8th Ave. $900,000.

N. Y., Rochester—HOSPITAL—Monroe Co. Tuerculosis Hospital, having plans prepared by H. T. Hatton, 507 Cutler Bldg., childrens hospital. $350,000. Scopes & Feustman, Saranac Lake, consult. archts. S. Firestone, 59 South Ave., mechanical engr.

N. Y., Syracuse — HOSPITAL and NURSES HOME—Syracuse Memorial Hospital, 201 Green St., soon takes bids brick, steel and stone, Crouse Ave. $2,500,000. John Russell Pope, 542 5th Ave., New York City, archt.

N. J., West New York—BANK—West New York Trust Co., A. Weisberg, pres., having plans prepared by W. L. Stoddart, 50 East 41st St., New York City, 2 story, 50 x 100 ft., brick, steel and stone, plain foundation, here. $150,000.

Pa., Phila.—APARTMENT—Owner, c/o E. A. Hanens Co., Widemer Bldg., plans 120 x 160 ft., rein.-con., brick and steel, plain foundation, Wayne and Chelton Aves. $400,000. Engineer and architect not selected.

Pa., Phila. — COUNCIL HEADQUARTERS—Knights of Columbus, San Domingo Council, W. Rooney, 1529 South 24th St., having plans prepared by Hoffman-Henon Co., Finance Bldg., 1 story and basement, 36 x 146 ft., rein.-con., brick and steel, plain foundation, 2009 Spruce St.

Pa., Phila.—STORE—E. M. Harris, 2218 Chestnut St., having plans prepared by L. B. Rothschild, 215 South Broad St., 2 story and basement, 126 x 128 ft., rein.-con., brick and steel, plain foundation, 22nd and Chestnut Sts.

Md., Baltimore—STORE—Hecht Bros. & Co., Baltimore and Pine Sts., having plans prepared by Smith & May, consult. archts., Calvert Bldg., 6 story, 80 x 176 x 225 ft., rein.-con., brick and steel addition, plain foundation, 644-58 West Redwood St. $700,000. Abbott Merkt & Co., 175 5th Ave., New York City, engrs.

Md., Catonsville — HOSPITAL — Spring Grove State Hospital, A. P. Herring, chn. Lunacy Com., 330 North Charles St., plans 3 story, brick and steel addition. $200,000. Engineer and architect not selected.

Md., Ocean City — THEATRE — See "Unclassified."

Md., Sykesville — HOSPITAL — Springfield State Hospital, J. C. Clark, supt., plans 3 story, brick and steel addition, plain foundation. $200,000. Engineer and architect not selected.

W. Va., White Sulphur Springs—HOTEL—Graham, Anderson, Probst & White, archts., 80 East Jackson Blvd., Chicago, Ill., prepared plans and soon takes bids Greenbriar Hotel, here. $2,000,000. Owner's name withheld.

N. C., Charlotte—HOTEL—Providence Park Hotel Co., Law Bldg., having plans prepared by Warren & Wetmore, 16 East 47th St., New York City, brick, steel and stone, plain foundation, Providence Rd. $1,000,000. Noted Nov. 11.

Miss., Jackson — OFFICE — Capitol & First Realty Co., c/o P. Chambers, had plans prepared by C. H. Lindsley, Lamar Life Bldg., Jackson, 10 story, 75 x 117 ft., rein.-con., brick and terra cotta, Pearl and Southwest Sts. $428,000.

La., Shreveport — UNION STATION — Texas & Pacific R.R. Co., E. F. Mitchell, ch. engr., Dallas, Tex., having preliminary plans prepared rein.-con., brick and steel, Hope and Texas Sts., here. $2,500,000.

SEWERS—MIAMI, FLA.

Bids were opened by City Commission, Oct. 25, for installing sewers and pumping station in Districts Nos. 213-216, Contract SR-79, from (A) J. B. McCrary Co., 415 Burdine Bldg., (awarded contract); (B) J. J. Quinn Co.; (C) J. L. Kelley Co. The unit bids are as follows:

	A	B	C
Pumping equipment (lump sum)	$2,941 00	$3,000 00	$3,500 00
Engineering services (lump sum)	100 00	100 00	100 00
Indicating gages (lump sum)	200 00	200 00	250 00
Pump station structure, complete (lump sum)	7,184 00	7,500 00	8,000 00
Erecting pumping equipment (lump sum)	1,725 00	2,000 00	3,000 00
5 bbl. extra cement	3 00	3 50	4 00
200 lb. extra steel	10	06	12
5 cu.yd. extra class A concrete	40 00	20 00	25 00
1,940 lin.ft. 20 in. wood stave pressure line, 4-6	6 43	6 50	6 40
1,068 lin.ft. 24 in. wood stave gravity line, 0-4	6 00	6 00	6 10
362 lin.ft. 24 in. wood stave gravity line, 4-6	6 89	7 00	7 00
220 lin.ft. 24 in. wood stave gravity line, 6-8	7 87	8 00	8 50
960 lin.ft. 24 in. wood stave gravity line, 8-10	10 77	11 00	12 00
60 lin.ft. 24 in. wood stave gravity line, 10-12	14 73	15 00	20 00
1,940 lin.ft. 20 in. cast iron pressure main	7 50	7 20	7 25
1,068 lin.ft. 24 in. concrete sewer pipe, 0-4	5 82	5 00	6 00
362 lin.ft. 24 in. concrete sewer pipe, 4-6	6 53	5 60	6 50
220 lin.ft. 24 in. concrete sewer pipe, 6-8	7 30	7 50	7 50
960 lin.ft. 24 in. concrete sewer pipe, 8-10	9 05	10 00	11 00
60 lin.ft. 24 in. concrete sewer pipe, 10-12	10 97	13 00	14 00
72 lin.ft. 24 in. vitrified sewer pipe, 4-6	6 73	6 00	6 00
1,777 lin.ft. 24 in. vitrified sewer pipe, 6-8	7 57	8 00	8 25
125 lin.ft. 24 in. vitrified sewer pipe, 8-10	9 25	10 50	11 00
326 lin.ft. 24 in. vitrified sewer pipe, 10-12	11 17	13 00	14 00
492 lin.ft. 24 in. vitrified sewer pipe, 12-14	13 85	15 00	17 00
681 lin.ft. 24 in. vitrified sewer pipe, 14-16	17 50	17 00	19 00
75 lin.ft. 24 in. cast iron crossing, 12-14	22 25	22 00	25 00
35 lin.ft. 24 in. cast iron crossing, 14-16	25 75	26 00	28 00
125 lin.ft. 15 in. vitrified sewer, 12-14	9 63	11 00	13 00
1,186 lin.ft. 15 in. vitrified sewer, 10-12	7 71	8 00	10 00
880 lin.ft. 12 in. vitrified sewer, 8-10	4 56	5 00	5 50
449 lin.ft. 12 in. vitrified sewer, 10-12	5 94	7 50	8 00
650 lin.ft. 8 in. vitrified sewer, 0-4	1 56	1 25	1 35
859 lin.ft. 8 in. vitrified sewer, 4-6	1 93	1 70	1 85
556 lin.ft. 8 in. vitrified sewer, 6-8	2 28	2 00	2 70
195 lin.ft. 8 in. vitrified sewer, 8-10	3 06	3 00	3 25
1 lin.ft. 8 in. vitrified sewer, 10-12	4 24	5 00	6 00
1 lin.ft. 8 in. vitrified sewer, 12-14	5 42	7 00	9 00
1 lin.ft. 8 in. vitrified sewer, 14-16	7 03	9 00	11 00
200 lin.ft. 16 in. cast iron cutfall (flexible joints)	19 10	15 00	17 00
200 lin.ft. 16 in. cast iron universal pipe	13 65	9 00	10 00
40 standard manholes, av. 9 ft.	142 00	135 00	130 00
5 drop connections	20 00	20 00	40 00
360 lin.ft. 6 in. vitrified risers	50	50	1 00
3,390 lin.ft. 6 in. vitrified lateral connections	1 25	1.20	1 25
3,390 lin.ft. 6 in. cast iron lateral connections	1 80	1 75	1 75
190 lin.ft. 8 in. vitrified lateral connections	1 71	1 40	1 50
190 lin.ft. 8 in. cast iron lateral connections	3 16	2 75	2 75
10 cu.yd. extra class C concrete	20 00	20 00	19 00
1 15x6 in. vitrified Y's	3 50	2 75	4 00
1 12x6 in. vitrified Y's	2 00	2 50	3 00
1 8x8 in. vitrified Y's	1 20	1 50	2 00
1 8x6 in. vitrified Y's	1 20	1 50	2 00
1 24x8 in. vitrified Y's	8 00	6 00	8 00
1 24x6 in. vitrified Y's	8 00	6 00	8 00
40 cu.yd. extra rock fill outfall	9 50	12 50	12 00
Extended totals	$124,054	$125,246	$137,488

O., Cleveland—APARTMENT—C. Siler, c/o C. H. Ensign, archt., Fidelity Mortgage Bldg., having plans prepared 5 story and basement, 55 x 102 ft., brick and rein.-con., East 101st St. $175,000.

O., Cleveland Heights (Warrensville P. O.) — STORE, BOWLING ALLEY and GOLF SCHOOL—Cedar-Lee Realty Co., C. D. Simmons, pres., Fidelity Mortgage Bldg., Cleveland, having preliminary plans prepared by E. P. Bock, 1464 Ansel Rd., Cleveland, 3 story, 60 x 120 ft., brick, steel and concrete, Lee Rd. near Cedar Rd. $150,000.

O., Columbus — MUNICIPAL BUILDINGS—City having sketches made by Allied Associated Architects, R. C. Kempton, managing archt., 82 West Broad St., brick, stone and concrete buildings, incl. municipal court, police and fire telephone exchange and headquarters, jail and central heating plant, etc. $800,000.

O., Columbus—THEATRE—Loews, Inc., 1540 Bway., New York City, N. Y., soon lets contract 125 x 187½ ft., brick, stone and concrete, 3,500 seating capacity. East State St., here. $800,000. Noted Dec. 2.

O., Xenia—HOSPITAL, etc.—State Bldg. Comn., Columbus, having plans prepared by H. B. Briggs, Ohio-Hartman Bldg., Columbus, new buildings at Ohio Soldiers and Sailors Orphans Home, here, hospital $100,000, incl. nursery or childrens cottage $100,000, two boys and two girls cottages $125,000, remodeling 20 old cottages $73,000, central heating equipment and sewers $35,000, etc.

Ind., Evansville — OFFICE, APARTMENT and SHOP—O. A. Hassenall Co., 1020 Citizens Bank Bldg., having plans prepared by Fowler & Karges, Furniture Bldg., 3 story and basement, 50 x 150 ft., brick, steel and terra cotta building. $150,000.

Ind., Evansville — THEATRE — Wells-Bijon Realty Co., C. F. Rose, mgr., having preliminary plans prepared Strand Theatre. brick and steel, 409 South 3rd St. $150,000. Engineer and architect not selected.

Ind., Hammond—STORE and OFFICE—J. P. Bereoles, State and Hohlman Sts., having plans prepared 2 story and basement, brick and steel store and office building. $150,000. Private plans.

Ind., Marion—STORE—Blumenthal & Co. having preliminary plans prepared rein.-con., brick and steel department store, $250,000. Private plans.

Mich., Detroit—SALES and SERVICE—Richard-Oakland Co., General Motors Bldg., had plans prepared by A. Kahn, 1000 Marquette Bldg., 5 story, 150 x 190 ft., rein.-con. and brick, plain foundation, Burroughs Ave. $250,000.

Mich., Detroit—THEATRE and OFFICE—United Artists Corp., 159 East Elizabeth St., having plans prepared by C. H. Crane, 542 Griswold St., 18 story and basement, 150 x 200 ft., 2,000 seating capacity, rein.-con., brick and steel, plain foundation.

Ill., Chicago—HOTEL and STORE—C. E. Frazier, archt., 30 North Dearborn St., prepared plans and soon takes bids 4 story and basement, 40 x 200 ft., rein.-con., brick, stone or terra cotta, 208-210 South Ashland Ave., for F. S. Demeter, South Ashland Ave. and Van Buren St. $250,000.

Wis., Milwaukee — APARTMENT — Gibraltar Realty Co., c/o C. J. Keller & Son, archts., 432 Bway., having plans prepared 5 story and basement, 47 x 126 ft., brick and steel, plain foundation, 14th St. $175,000.

Wis., Union Grove—INMATE—State Bd. Control, A. W. Bagley, secy., Madison, plans two 2 story, rein.-con., brick and steel inmate buildings, plain foundations, at Wisconsin Training School, here. $150,000. Engineer and architect not selected.

Wis., Waupun—HOSPITAL and WARD—State Bd. Control, A. W. Bagley, secy., Madison, plans 4 story, rein.-con., brick and steel, plain foundation, at state prison.

Constr. News page 391a

Buildings—Commercial (Continued)

here. $150,000. Engineer and architect not selected.

Wis., Waukesha — HOTEL — Waukesha Community Hotel Co., B. F. Beaty, pres., having preliminary plans prepared by C. W. Nicol, 310 South Michigan Ave., Chicago, Ill., 4 or 5 story and basement, 96 x 100 ft., brick and concrete, plain foundation, Park Pl. $175,000.

Ia., Cedar Rapids—BANK and OFFICE—Cedar Rapids Savings Bank & Trust Co., J. M. Dinwiddie, pres., had plans prepared by H. S. Josselyn & Todd, 617 Cedar Rapids Savings Bank, remodeling 6 story and basement, 50 x 140 ft., concrete and brick, 3rd Ave. and South 3rd St. $150,000.

Ia., Davenport—BANK and OFFICE—Clausen, Kruse & Klein, archts., 910 Kahl Bldg., take bids after Jan. 10, 14 story and basement, 100 x 150 ft., steel, stone or terra cotta, plain foundation, for Amer. Commercial & Savings Bank. $1,500,000. Weary & Alford, 1923 Calumet Ave., Chicago, Ill., archts. Noted Dec. 2.

Ia., Waterloo — STORE — James Black Dry Goods Co., East 4th and Sycamore Sts., J. H. Graham, treas., had preliminary plans prepared 8 story and basement, brick, concrete, etc., Sycamore St. $300,000 up.

Mo., Kansas City—HOSPITAL—Jewish Memorial Hospital Assn., A. Rothenberg, trustee, c/o Rothenberg-Schloss Cigar Co., 10th St. and Bway., plans hospital. $200,000. Engineer and architect not selected.

Mo., Kansas City—THEATRE and HOTEL—A. H. Priestley, Chillicothe, Ill., having plans prepared by Dodd & Finney, 800 Graphic Arts Bldg., 6 story and basement, 137 x 153 ft., rein.-con., 3517-19 Troost Ave., here. $500,000.

Mo., Kansas City — WAREHOUSES — Southwestern Bell Telephone Co., Boatmans Bank Bldg., St. Louis, having plans prepared by I. R. Timlin, and takes bids about Jan. 1, 1 and 2 story and basement, 120 x 180 ft., also 1 story, 120 x 180 ft., warehouse, here. $225,000 and $60,000 respectively.

Mo., St. Louis—OFFICE—Missouri-Pacific R.R. Co., E. A. Hadley, ch. engr., Ry. Exch. Bldg., takes bids in spring, 22 story and 40 ft. tower, 100 x 293 ft., rein.-con., steel, terra cotta and granite addition, 13th St. between Olive and Pine Sts. $2,000,000. R. M. Tucker, c/o owner, archt. P. J. Bradshaw, International Bldg., and Mauran, Russell & Crowell, Chemical Bldg., consult. archts. Noted Dec. 2.

Tex., Galveston — HOTEL — A. Fraser, archt., 824 Amer. Natl. Bank Bldg., soon lets contract 10 story, rein.-con., brick and stone hotel, for Jean Lafitte Hotel, c/o Shearn Moody, Amer. Natl. Insurance Bldg. $500,000.

Tex., San Antonio—CITY HALL—City, c/o J. W. Tobin, mayor, having plans prepared by Adams & Adams, c/o Builders Exch. Bldg., 3 story, rein.-con. and stone top addition, Plaza St. $250,000. I. Ewig, city engr.

Wash., Long Beach—HOTEL—E. E. Edmunds and associates, Portland, Ore., having plans prepared by R. C. Reamer, Skinner Bldg., Seattle, 3 story and basement, 80 x 300 ft., 125 room hotel, here. $300,000.

Wash., Seattle—HOTEL—Devonshire Hotel Corp., c/o Stuart & Wheatley, archts., Walker Bldg., having plans prepared 15 story and basement, 60 x 120 ft., rein.-con., steel, terra cotta and pressed brick, 6th and Union Sts. $500,000.

Wash., Tacoma — MARKET — C. B. Hurley takes bids about Jan. 10, 2 story, 189 stall, rein.-con. public market, 11th and Market Sts. $250,000.

California — HOTEL — J. R. Kibbey, archt., 660 South Vermont Ave., Los Angeles, preparing preliminary plans 2 story hotel, Clear Lake, Lake Co. $500,000. Owner's name withheld.

Calif., Culver City—CITY HALL—City had revised plans prepared by W. L. Woolett, Pacific Mutual Bldg., Los Angeles, 1 story, 150 x 160 ft., incl. auditorium, 1,000 seating capacity, Putman Ave. and Duquesne St. $150,000. Noted Oct. 28.

Calif., Lake Arrowhead—CLUB—Moritz Club, Los Angeles, having plans prepared by S. Brown, Orpheum Bldg., Los Angeles, club, near here. $150,000.

Calif., Los Angeles—APARTMENT—H. J. Schmidt, Brooklyn, N. Y., having plans prepared by H. D. Frankfurt Co., Inc., 1096 North Western Ave., 12 story and basement, 84 x 130 ft., rein.-con. and terra cotta, Magnolia St. near Washington Blvd., here. $800,000.

Calif., Los Angeles — CLUB — Whitley Park Country Club, 6669 Whitley Ave., plans club, Ventura Blvd. $400,000. Engineer and architect not selected.

Calif., Los Angeles — OFFICE and STORE—Burkhard Investment Co., Merchants Natl. Bank Bldg., plans fireproof construction, La Brea and Hollywood Blvds. $150,000 or more.

Calif., Los Angeles — OFFICE — F. Hartstrite, et al, c/o L. L. Smith, archt., City Club Bldg., having plans prepared approximately 12 story and basement, Olive St. near 6th St. To exceed $150,000.

Calif., Los Angeles—OFFICE—Parkinson & Parkinson, archts., Title Insurance Bldg., soon take bids 13 story and basement, brick, terra cotta, steel and rein.-con., Wilshire Blvd. and Westlake Ave., for Los Angeles Co. Medical Assn., c/o architects. $1,000,000. Noted Oct. 28.

Calif., Palo Alto — THEATRE — Reid Bros., archts., 105 Montgomery St., San Francisco, soon takes bids theatre, University Ave., here, for C. H. Strub, c/o architects. Noted July 15.

Calif., Pasadena — APARTMENT—Chateau Du Jardin, having preliminary plans prepared by L. A. Bryant, 700 South La Brea Ave., 6 story, rein.-con., Grove St. between Orange Grove Ave. and Terrace St. $500,000.

Calif., Pasadena—BANK and OFFICE—First Trust & Savings Bank plans fireproof construction, Madison Ave. and Colorado St. To exceed $250,000.

Calif., Sacramento—ADMINISTRATION—Supervs. Sacramento So. soon take bids 3 and 4 story and basement, brick and concrete administration building. $250,000 or more. R. A. Herold Co., Forum Bldg., archt. Noted Oct. 1.

Calif., San Francisco — HOTEL and CLUB—Pacific Edgewater Club, c/o Miller & Pflueger, archts., 580 Market St., having plans prepared 8 story and basement, Great Highway. $1,250,000 . Noted Oct. 7.

Calif., Ventura—THEATRE—S. Lesser & M. Rosenburg, Los Angeles, and C. B. Corcoran, Ventura, having preliminary plans prepared by L. A. Smith, 1584 West Washington St., Los Angeles, stucco and cast stone theatre, here. $250,000. Noted Nov. 12.

B. C., Victoria—CLUB—Syndicate, c/o Pemberton & Sons, Ltd., C. C. Holmes, mgr., 418 Howe St., having plans prepared private club-hotel, golf course, etc., on Beach Dr., Oak Bay, near here. $1,000,000. Engineer and architect not announced.

Que., Montreal — STORE — Hudson Bay Co. Ltd., Winnipeg, Man., plans 10 story department store, here. $1,500,000.

Alta., Edmonton—STORE—Hudson Bay Co. Ltd., Winnipeg, Man., plans extending store, here. $750,000.

Bids Desired

Mass., Boston — APARTMENT — See "Contracts Awarded."

Mass., Boston—APARTMENT—Beacon Hereford Realty Corp., 1 Beacon St., taking bids 10 story, brick and steel, Beacon and Hereford Sts. $400,000. G. N. Jacobs, 9 Bosworth Pl., archt.

Mass., Chelsea (br. Boston) — APARTMENT—See "Contracts Awarded."

Mass., Dorchester (Boston P. O.) — APARTMENT—See "Contracts Awarded."

Mass., Egypt — HOSPITAL — Children's Sunlight Hospital c/o J. W. Beal Sons Co., archts., 185 Devonshire St., Boston, taking bids altering and constructing 3 story and basement, brick addition, plain foundation. $150,000.

Mass., Everett (br. Boston) — APARTMENT—See "Contracts Awarded."

Mass., Lexington—MEMORIAL—Town, c/o R. C. Clapp, 50 State St., Boston, taking bids Cary's Memorial Building and Town Hall, 2 story and basement, 85 x 155 ft., brick and limestone, plain foundation, Massachusetts Ave. and Plummer St., here. $500,000. Kilham, Hopkins & Greeley, 9 Park St., Boston, archt. Noted Oct. 28.

Mass., Mattapan (sta. Boston)—DANCE HALL and STORE — See "Contracts Awarded."

Mass., North Attleboro—HOTEL—North Attleboro Hotel Co., c/o J. D. Leland Co., archts., Statler Bldg., Boston, taking new bids 4 story and basement, brick, plain foundation, Washington Sq., here. $200,000. Former bids rejected. Noted Nov. 18.

Mass., Norwood—BANK—Norwood Cooperative Bank, 675 Washington St., taking bids 2 story and basement, rein.-con., brick and steel, plain foundation, Day St. $150,000. W. G. Upham, Bigelow Blk., archt.

Mass., Somerville (Boston P. O.)—HOME—Somerville Home for the Aged, 76 Boston St., taking bids 3 story and basement, 75 x 185 ft., brick, plain foundation, 117 Summer St., $150,000. C. M. Baker, 25 Arch St., Boston, archt. Noted Nov. 25.

Mass., Somerville (Boston P. O.)—THEATRE and STORE — See "Contracts Awarded."

Mass., Westboro — STORE and APARTMENT — F. W. Forbes, 12 High St., taking bids 3 story and basement, brick and st... plain foundation, Main St. $150,... Ritchie, Parsons & Taylor, 15 Ashbur... Pl., Boston, archts.

Conn., Hartford—BUSINESS—G. Wi... & Toretsky, 120 Morgan St., taking bid... story, 82 x 115 ft., brick, steel and st... Asylum St. $225,000. Ebbets & Frid... Lewis St., archts.

Conn., New Haven—APARTMENT... M. Young, 219 Townsend Ave., tak... bids 3 story, 141 x 162 ft., brick and st... Elm St. $300,000. J. Weinstein, Met... politan Bldg., Chapel St., archt. No... Oct. 28.

N. Y., Brooklyn — APARTMENT — S... "Contracts Awarded."

N. Y., Brooklyn—HOSPITAL, NURSES HOME and DORMITORY — Dec. 22, by Crow, Lewis & Wick, archts., 200 5th Ave., New York City, 10 story, brick, steel and stone, plain foundation, Prospect Pl., here, for Jewish Hospital, Classon Ave. $2,200,000. Noted Dec. 9.

N. J., Camden—HOSPITAL—Dec. 20, by Lackey & Kettle, archts., 5 Hudson Ave., 3 story and basement, 40 x 130 ft., brick and steel, plain foundation, Mt. Ephraim and Atlantic Sts., for West Jersey Homeopathic Hospital, c/o J. Scott, 537 South 2nd St. Noted Oct. 14.

Pa., Eddystone — OFFICE — See "Contracts Awarded."

Pa., Phila. — APARTMENT — Herman Bobbs & Pepper, Bankers Trust, taking sub-bids 6 story and basement, 110 x 2... ft., rein.-con., brick and steel, plain foundation, Pine St. between 47th and 48th Sts. $1,000,000. Stetler & Dysher, Jefferson Bldg., archts. Noted Oct. 21.

D. C., Wash.—POLICE STATION—Dec. 22, by Dist. Comrs., District Bldg., constructing Police Station 14.

Ga., Decatur — HOTEL — Dec. 21, by Community Hotel Co., 4 story and basement, 90 x 104 ft., concrete and brick hotel, $230,000. Edwards & Saywood, 101 Marrietta St., Atlanta, archts. Noted Mar. 4.

O., Akron—STORE and GARAGE—Dec. 20 by Officials M. O'Neil Co., South Main St., 6 story and basement, 217 x 460 ft., incl. reception room, music hall, etc., South Main St. near State St. $300,000. Graham, Anderson, Probst & White, 80 East Jackson Blvd., Chicago, Ill., archts. Noted Sept. 9.

O., Cleveland—WAREHOUSE—Dec. 20, by B. H. Kroger Grocery & Baking Co., 813 Main St., Cincinnati, 2 and 4 story, 140 x 408 ft., brick and rein.-con., East 55th St. and Hydraulic Ave., here. E. H. Nieman, 3816 Shaw Ave., St. Louis, Mo., archt.

O., East Cleveland (Cleveland P. O.)—APARTMENTS—M. Goodman, Engineers Bldg., Cleveland, taking bids two 3 story and basement, 32 x 146 ft., brick and timber, 13301 1st Ave. $200,000. A. F. Janowitz, Engineers Bldg., Cleveland, archt. Incinerator, sand stone trim, gravel roofing, laundry machinery.

Ind., Marion—THEATRE—F. J. Rembuch Enterprises, 512 Bd. Trade Bldg., Indianapolis, taking bids rein.-con., brick and steel theatre, 1,500 seating capacity, here. $150,000. F. B. Hunter, 612 State Life Bldg., Indianapolis, archt. Noted Oct. 21.

Ill., Chicago—THEATRE—Levy & Klein, archts., 111 West Washington St., taking bids brick theatre, 4723-27 South Parkway, for South Parkway Building Corp., 111 West Washington St. $850,000. Noted Nov. 11.

Wis., Milwaukee—APARTMENT—A. J. Kenney, archt., 583 Jefferson St., taking bids 3 story and basement, 60 x 105 ft., brick and tile, plain foundation, Astor St., for I. H. Benesch Co., 583 Jefferson St. $150,000. Noted Dec. 9.

Wis., Milwaukee—HOTEL—Dec. 20 (extended date), by Holabird & Roche, archts., 104 South Michigan Ave., Chicago, Ill., 23 story and basement, 150 x 200 ft., rein.-con., brick, steel and terra cotta Grand Ave., for Schroeder Hotel Co., 86 Michigan St. $3,000,000-$4,000,000. Noted Dec. 9.

Ia., Sioux City—THEATRE and OFFICE—Dec. 20 (extended date), by Rapp & Rapp, archts., 190 North State St., Chicago, Ill., general contract 8 story and basement, rein.-con., brick and stone, 6th and Pierce Sts., for Francis Building Corp., A. Sanford, pres., 307 Francis Bldg. $1,700,000. Noted Nov. 11.

Mo., St. Louis—THEATRE and OFFICE—Dec. 20, by C. H. Crane, archt., 542 Griswold St., Detroit, Mich., 19 story and basement, brick, terra cotta, concrete and steel, Grand and Washington Blvds., here, for Fox-St. Louis Theatre, W. Fox, pres., c/o architect. Noted Nov. 25.

Tex., Beaumont—BANK and OFFICE—Dec. 28, by Amer. Natl. Bank, C. H. Stroeck, vice pres., 510 Pearl St., 12 or 10

Constr. News page 392

Buildings—Commercial (Continued)

story and basement, 75 x 100 ft., rein.-con., brick, steel and stone, Orleans and Bowie Sts. $600,000. J. R. Bailey, 1606 Main St., Houston, archt. Tisdale, Stone & Pinson, 710 Ind. Life Bldg., Houston, associated archts. H. M. Sanford, 440 West Bldg., Houston, structural engr. Noted Oct. 7.

Tex., Ennis — HOME — See "Contracts Awarded."

Calif., Los Angeles — GARAGE and STORE — Curlett & Beelman, archts., Union Bank Bldg., taking bids 6 story basement, and 2 sub-basements, 145 x 150 ft., rein.-con. and steel, 9th and Hill Sts., for May Co., 800 Hill St. Noted Oct. 28.

Calif., San Francisco—APARTMENT—See "Contracts Awarded."

Bids Received

Vt., Burlington—AUDITORIUM—City, Pub. Buildings Dept., Dec. 1, 2 story and basement, 105 x 120 ft., rein.-con. and brick, plain foundation, Main and Union Sts., from A. Terrion, 32 Hungerford St., $153,351. Noted Dec. 2.

Mass., South Hanson—HOME—Plymouth Co. Hospital, c/o J. W. Beal Sons Co., archts., 185 Devonshire St., Boston, superstructure 3 story and basement, brick and stone, plain foundation, from Cummings Constr. Co., 14 Prospect St., Ware, $91,700. Noted Nov. 25 under "Southampton."

Contracts Awarded

N. H., Dover—BANK—Strafford Natl. Bank, C. S. Cortland, 2 story and basement, brick and granite, plain foundation, Washington St., to F. A. Romery Co., 537 Congress St., Portland, Me. Archts. est. $150,000. Noted Nov. 25.

N. H., Keene—STORE and OFFICE—A. Panedes, Roxbury St., 3 story and basement, brick and stone, Main and Daw Sts., to W. Pregent, 503 Washington St. Archts. est. $150,000.

Mass., Boston — APARTMENT — B. Schwartz, 77 Greenwood St., Dorchester, will build 3 story and basement, irregular shaped, brick and stone, plain foundation, Maple St., here. $200,000. Work will be done by separate contracts. S. S. Levy, 35 Court St., archt.

Mass., Boston—APARTMENTS—Shawmut Real Estate Trust, A. Munn, in charge, 24 Milk St., fourteen 4 story and basement, 40 x 40 ft., brick, plain foundations, 14-66 Dundee St., to Leighton-Mitchell Co., 99 Chauncey St. Archts. est. $380,000.

Mass., Boston — APARTMENTS — A. Mann, 24 Milk St., group brick and steel, Dundee St., to Leighton Mitchell 99 Chauncy St. Archts. est. $300,000.

Mass., Brookline (br. Boston)—APARTMENT—J. F. and A. F. Rudnick, 333 Washington St., Boston, will build 3 story and basement, irregular shaped, brick and stone, plain foundation, Park St., here $150,000. Work will be done by separate contracts. S. E. Moffie, 51 Cornhill, Boston, archt. Noted Oct. 14.

Mass., Chelsea (br. Boston) — APARTMENT—P. M. Widetski, 143 Franklin Ave., will build 4 story, brick, steel and stone, Murray St., by day labor. $150,000. Schine & Levine, 448 Broad St., archt. Noted Dec. 2.

Mass., Dedham—THEATRE, STORE and OFFICE — Dedham Community Theatre Corp., 1 and 2 story and basement, brick, steel and stone, plain foundation, High St., to Goodwin & Mitchell, 638 Hammond St., Brookline. Archts. est. to exceed $150,000.

Mass., Dorchester (Boston P. O.) — APARTMENT — W. H. Hardy, 511 Old South Bldg., Boston, will build 2 story and basement, brick, plain foundation, Train and Fairview Sts., here. $500,000. Work will be done by separate contracts. W. A. Dykeman, 15 Exchange St., Boston, archt.

Mass., Easthampton—EXCHANGE—New England Telephone & Telegraph Co., 50 Oliver St., Boston, 3 story and basement, brick and stone, plain foundation, Chapman Ave., here, to D. O'Connell Sons, 400 Hampden St., Holyoke. Archts. est. $150,000. Noted Mar. 25.

Mass., Everett (Boston P. O.)—APARTMENT—Medford Realty Corp., M. Miller, 68 Ashcroft St., will build 2 and 3 story and basement, irregular shaped, brick and timber, plain foundation, Fuller and Lynn Sts. $250,000 or more. Work will be done by separate contracts. Private plans.

Mass., Lynn—STORE and APARTMENT—Bemertgis & Tsakeres, 751 Western Ave., 3 story and basement, brick and stone, plain foundation, to L. Goldman, 113 Munroe St. Archts. est. $150,000. Noted Nov. 18.

Mass., Marblehead—HOTEL—C. H. W. Foster, 50 State St., Boston, 4 story and basement, brick, plain foundation, here, to G. B. Brown, 74 Chester Ave., Chelsea. Archts. est. $150,000 or more. Noted Oct. 28.

Mass., Mattapan (sta. Boston)—DANCE HALL and STORE—H. B. Barron, 22 Abbott St., Dorchester, will build 2 and 3 story and basement, 90 x 120 ft., rein.-con., brick and steel, plain foundation, Wellington Hill St. $150,000. Work will be done by separate contracts. S. S. Levy, 35 Court St., Boston, archt.

Mass., Somerville (Boston P. O.)—THEATRE and STORE—Z. E. Cliff, 29 Powder House St., will build 2 story, brick and steel, Highland Ave., by day labor. $200,000. Desmond & Lord, 1 Beacon St., Boston, archt.

Conn., East Hartford (br. Hartford)—THEATRE, STORE and OFFICE—Amusement Realty Corp. of East Hartford, 2 story and basement, brick and steel, plain foundation, Bissell and Main Sts., to Wise & Upson, 36 Pearl St., Hartford. Archts. est. to exceed $150,000. Noted Nov. 18.

Conn., Hartford—WAREHOUSE—Basch & Blumenthal, 130 Market St., 1 and 2 story, 225 x 260 ft., brick and steel, Charles St. and Connecticut Blvd., to G. Cudemo & S. N. E. Contg. Co., Inc., 68 Temple St. Archts. est. $150,000. Noted Nov. 4.

N. Y., Brooklyn—APARTMENT—W. H. Building Corp., c/o Shampan & Shampan, archts., 188 Montague St., will build 100 x 100 ft., brick, steel and stone, plain foundation, Lawrence St. near Gravesend Ave., by day labor. $500,000.

N. J., Newark — MAUSOLEUM — Fairmount Cemetery, South Orange Ave., 3 story, 90 x 310 ft., concrete, granite and marble, Fairmount Cemetery, to Presbrey-Leland Co., 681 5th Ave., New York City, N. Y. Archts. est. $1,000,000. Noted Aug. 5.

N. Y., New York—APARTMENT—V. Guinzburg, 485 5th Ave., 9 story, 95 x 100 ft., brick, steel and stone, plain foundation, 230 East 48th St., to C. Herman Contg. Co., 155 East 42nd St. Archts. est. $550,000.

N. Y., New York — APARTMENT and CLUB — Thomas Holding Corp., J. B. Thomas, pres., 132 East 19th St., 15 story, brick, steel and stone, plain foundation, East 52nd St., to T. E. Rhodes Constr. Co., Inc., 342 Madison Ave. Archts. est. $650,000.

N. Y., Ossining — ADMINISTRATION, etc.—J. L. Long, supt. State Prisons, Capitol, Albany, administration, assembly hall, Cell Blocks "A" and "B," and connecting corridors, here, to Columbus Contg. Co., 103 Park Ave., New York City, $1,641,000; heating, to Danford Heating Co., Buffalo, $56,950; sanitary work, to Wells & Newton Co., 250 West 27th St., New York City, $237,500; and electrical work, to Mott Electric Co., Rochester, $59,000. Grand total $1,994,450. Noted Dec. 9.

Pa., Eddystone—OFFICE—Baldwin Locomotive Wks., Broad and Spring Sts., will build 6 story and basement, 150 x 200 ft., rein.-con., brick and steel, plain foundation,

Constr. News page 393

DAM—SAN CARLOS, ARIZ.

Bids were opened by U. S. Indian Service, Federal Bldg., Los Angeles, Nov. 10, for constructing Coolidge Dam, from (A) Atkinson-Spicer Co., Edwards-Wildey Bldg., Los Angeles (awarded contract); (B) Utah Construction Co., Phelan Bldg., San Francisco; (C) W. A. Bechtel, San Francisco; (D) Bent Bros., Los Angeles; (E) MacDonald & Kahn, San Francisco; C. Fisher, Los Angeles, $2,594,746; Allied Construction Co. and Ross Construction Co., Los Angeles, $2,593,000; D. A. Foley, Los Angeles, $2,613,563; A. Guthrie Co., Portland, Ore., $2,799,048. The unit bids of the lowest four and highest bidders are as follows:

	A	B	C	D	E
Diversion and care of river, removing cofferdams (lump sum)	$50,000 00	$90,000 00	$60,000 00	$50,000 00	$64,300 00
26,000 cu.yd. sand and gravel excavation	3 00	2 25	3 00	2 00	2 60
195,000 cu.yd. dry excavation	3 00	2 25	2 625	4 00	3 05
14,000 cu.yd. wet rock excavation	4 00	6 00	10 00	6 00	5 25
20,000 yd. backfill (walls, etc.)	1 00	1 00	75	2 00	1 00
1,300 yd. spandrel fill	1 00	3 00	1 50	1 50	1 00
3,100 ft. drilling grout holes	3 00	1 50	2 00	2 50	2 00
2,000 ft. drilling drain holes	3 00	2 00	2 50	3 00	2 25
155 holes, cut, place and anchor pipes in holes	4 00	2 00	3 00	3 50	4 00
3,000 ft. make and place 6 in. concrete pipe over drain holes	1 50	1 00	1 00	1 00	1 00
33,400 ft. drilling holes, bars	.75	1 00	1 25	.50	.75
630 ft. make and place 6 in. concrete pipe, abutments	1 50	.70	.50	1 00	1 00
83,000 cu.yd. concrete in buttresses	6 00	5 00	4 75	5 00	7 50
73,100 cu.yd. concrete in domes	6 50	9 25	9 10	7 00	12 85
10,700 cu.yd. concrete in spillway floors	5 00	7 00	8 20	7 00	10 18
2,800 cu.yd. concrete in walls, etc.	7 50	11 00	10 70	7 00	8 00
3,500 cu.yd. concrete in walls supports bridge	9 00	11 00	11 30	16 00	8 00
1,000 cu.yd. concrete in arch barrels	15 00	28 00	18 75	16 00	22 00
2,000 cu.yd. concrete road	14 00	22 00	14 50	16 00	8 00
2,300 cu.yd. concrete in outlet towers	7 50	28 00	11 80	16 00	21 00
730 cu.yd. concrete in parapet walls	60 00	36 00	45 00	40 00	35 00
6,600 cu.yd. concrete in power house base	6 00	9 00	8 60	5 00	7 00
600 cu.yd. concrete in power house walls	12 50	28 00	22 50	16 00	14 00
4,500,000 lb. haul, cut, bend and place reinforcing steel	.015	.02	.015	.016	.03
832,000 lb. haul and install auto. float gates	.02	.02	.015	.016	.03
112,000 lb. installing, etc., shut-off gates	.02	.02	.025	.02	.04
600,000 lb. installing cast steel penstocks, including Venturi meters, etc.	.02	.02	.03	.02	.05
66,000 lb. installing Y branches in penstock	.02	.02	.02	.02	.01
50,000 lb. installing butterfly valves	.025	.02	.02	.02	.013
200,000 lb. installing, etc., balance valves	.02	.02	.02	.02	.02
92,000 lb. installing, etc., trash racks	.025	.02	.02	.02	.05
627,000 lb. delivering hydraulic and electric machinery	.01	.007	.01	.0075	.01
100,000 lb. placing 50-ton crane	.03	.02	.05	.02	.015
41,000 lb. installing doors and windows	.04	.05	.04	.08	.07
2,400 ft. installing steel stairways	.03	.05	.05	.10	.08
1,300 ft. installing pipe hand rails	1.00	1.00	.60	.40	.20
2,800 lb. installing steel ladder rungs	.03	.05	.10	.10	.10
2,500 lb. installing pumps	.03	.05	.05	.05	.25
2,000 ft. installing pipe lines	3.00	1.00	1.00	1.00	1.00
6,000 lb. installing pump and motor, powerhouse	.03	.02	.05	.05	.10
1,000 ft. installing 6 in. pipes	.50	.40	.50	.50	1.00
230,000 sq.ft. placing reinforcing mesh	.12	.18	.18	.10	.06
7,300 lb. installing doors and windows, gate house	.03	.10	.04	.08	.10
3,600 ft. make and place 4 in. drain pipe	.75	.40	.50	1.00	1.50
5,125 sq.ft. waterproofing roof	.10	.20	.12	.17	.10
300 ft. make and place 18 in. concrete pipe	3.00	2.00	4.00	2.00	4.00
37,200 lb. steel floor covers	.015	.01	.02	.015	.01
30,000 lb. miscellaneous metal work, pipe, etc.	.10	.05	.02	.10	.05
80 yd. pressure grouting	60 00	40 00	50 00	75 00	35 00
3,100 cu.yd. concrete in piers over spillway	7 50	14 00	8 55	16 00	9 00
Extended totals	$2,268,565	$2,451,329	$2,465,156	$2,489,573	$3,005,295

Tex., Houston—HOTEL—Rice Hotel Co., Rice Hotel, will build 18 story and basement, 200 x 200 ft., brick, steel and stone, plain foundation, Texas Ave. and Main St., here, to Foley Bros., Houston, $1,500,000. Work will be done by separate contracts. Noted Dec. 2.

Tex., Houston—STORE and OFFICE—Houston Land & Trust Co., 2 story and basement, brick and stone, plain foundation, Main St., here, to Foley Bros., Houston, $200

Buildings—Commercial (Continued)

near Baldwin Sta. Work will be done by separate contracts. Private plans.

Pa., Pittsburgh—HOSPITAL and MEDICAL SERVICE—Montefiore Hospital, and Schmidt, Garden & Erickson, archts., 104 South Michigan Blvd., Chicago, Ill., general contract 8 story and basement, 41 x 276 ft. hospital, 7 story and basement, 50 x 100 ft., and 40 x 108 ft. medical building, and 72 x 85 ft. power house with 45 x 74 ft. wing in rear, 5th Ave., to H. Miller & Sons Co., 2565 5th Ave. Archts. est. $1,500,000. Noted Sept. 30.

Pa., Pittsburgh—HOSPITAL—Dept. Pub. Health, % C. J. Vaux, dir., City-County Bldg., general contract altering and constructing 1 and 2 story addition, Leach Farm, to H. Rubenstein, 601 North Euclid Ave. Archts. est. $250,000. Noted Nov. 18.

N. C., Greensboro—STORES—J. N. Coe and associates (owner and contractor), will build several 3 story and basement, brick, limestone, terra cotta and marble, Greene St. $210,000. Noted Oct. 21.

O., Akron—HOSPITAL—Good & Wagner, archts. and engrs. Mohawk Bldg., 5 story and basement, brick, Bowery and West Buchtel Ave., to Carmichael Constr. Co., Central Savings & Trust Bldg., for City. $437,000. Noted Nov. 25.

O., Cincinnati — OFFICE — Garber & Woodward, archts., 4 West 7th St., 8 story and basement, 210 x 288 ft., brick and rein.-con., plain foundation, 3rd and Vine Sts., to Ferro Concrete Co., 3rd and Elm Sts., for Union Central Life Insurance Co., 4th and Vine Sts. $2,250,000. Noted Nov. 25.

O., Cleveland — STORE and APARTMENT — H. Lieberman, 3604 East 154th St., 3 story and basement, 44 x 103 ft., brick and timber, 15404 Kinsman Rd., to B. Zuckerman, 3547 East 154th St. Archts. est. $150,000.

O., Youngstown — OFFICE — Truscon Steel Co., Albert St. extension, 1 story (ultimately 5 story) and basement, 60 x 260 ft., office building, Albert St., to Heller-Murray Co., 222 West Rayen St., $150,000.

Ind., Indianapolis — APARTMENT — Chateau Realty Co., 2251 North Meridian St., general contract 3 story and basement, 71 x 130 ft., rein.-con., brick and steel, 1209 East Maple Rd., to A. V. Stackhouse Co., 1016 Fletcher Trust Bldg. Archts. est. $150,000. Noted Sept. 30.

Mich., Detroit—BANK—Federal Reserve Bank of Chicago, Detroit Branch, 3 story and basement, 75 x 130 ft., rein.-con., brick and steel, plain foundation, Fort and Shelby Sts., to Walbridge-Alldinger Co., 2356 Penobscot Bldg. Archts. est. $1,200,000. Noted Nov. 11.

Mich., Fordson — ADMINISTRATION and GARAGE—Ford Motor Co., Highland Park, 152 x 365 ft. administration building, and 96 x 200 ft. garage, both 1 story, rein.-con., brick and steel, plain foundations, Schaeffer and Maple Rds., to F. R. Patterson Constr. Co., 2631 Woodward Ave., Detroit, approximately $1,200,000. Noted Sept. 30.

Ill., Chicago—APARTMENT—D. Lipsey, 1133 Pratt Ave., masonry and carpentry contract 7 story, brick, 1137-39 Pratt Ave., to J. A. Lundstrom, 1107 Addison St. Archts. est. $310,000.

Ill., Chicago—APARTMENT—Friedman Constr. Co., 105 North Clark St., will build (carpentry work) 6 story, 55 x 160 ft., brick, 5218-20 Kenwood Ave., by day labor; masonry contract, to Rosenberger, Peterson & Leaf Co., 5153 North Clark St. Archts. est. $400,000. Noted Oct. 28.

Ill., Chicago — APARTMENT — C. F. Henry, 201 East Delaware Pl., masonry contract 3 story, 120 x 232 ft., brick, 4338-48 Drexel Ave., to D. M. Reid, 140 South Dearborn St. Archts. est. $395,000.

Ill., Chicago—APARTMENT—W. Goranson, 6531 North Palmer Ave., masonry contract 3 story, 112 x 146 ft., brick, 1742-54 North Shore Ave., to E. Edlund, 1833 Greenleaf Ave.; carpentry contract, to Ockerlund & ?????, 4909 Lincoln Ave. Archts. est. $180,000.

Ill., Chicago — HOSPITAL — Grant Park Hospital, c/o Schmidt, Garden & Erickson, archts., 104 South Michigan Ave., 5 story and basement, rein.-con. and brick, Grant Pl., Cleveland and Webster Aves., to Blome-Sinek Co., 33 South Clark St. Archts. est. $500,000.

Ill., Chicago—SHOPS and OFFICE—A. L. Farwell, 1301 Ritchie Court, general contract and mechanical trades 9 story and basement, 60 x 75 ft., rein.-con. and stone, Erie St. and North Michigan Ave., to R. S. Weiboldt Co., 1534 West Van Buren St. Archts. est. $1,000,000.

Ill., Springfield — OFFICE — G. and L. Karsotos, general contract 3 story and basement, rein.-con., brick and steel, plain foundation, 6th and Washington Sts., to J. Clyde Evans Constr. Co., 413 North 5th St. Archts. est. $150,000. Noted Dec. 9.

Constr. News page 394

Wis., Milwaukee — APARTMENT — A. Straus Co., 230 Grand Ave., 3 story and basement, 52 x 154 ft., rein.-con., brick and tile, plain foundation, Grand Ave., to F. Wilke, 1253-36th St. Archts. est. $150,000.

Tex., Beaumont — WAREHOUSE and COMPRESS—City, c/o O. J. Bloyd, mgr., 1 story, 125 x 900 ft. frame and corrugated metal warehouse and compress, to H. Weber, 311 Perlstein Bldg., Houston, $150,000. Noted Sept. 2.

Tex., Ennis—HOME—Grand Lodge I. O. O. F., c/o E. Q. Vestal, secy., 201 North Texas Bldg., Dallas, will build 2 story and basement, 68 room, rein.-con., brick and steel, 1217 Elm St., here, by day labor, under supervision H. J. Emmins, Ennis. $150,000. Lang & Witchell, Amer. Exch. Bldg., Dallas, archts. Noted Aug. 5.

Okla., Guthrie—HOSPITAL—Oklahoma Methodist Episcopal Churches, c/o E. C. Anderson, pastor, 4 story and basement, 78 x 145 ft., rein.-con. and brick, plain foundation, 19th St., to Campbell & Price, 603 West Main St., Oklahoma City, approximately $250,000. Noted Sept. 30.

Wash., Seattle—STORE—Arcade Building & Realty Co., Arcade Bldg., general contract 10 story and basement, 170 x 235 ft., rein.-con. and steel addition, 2nd and Union Sts., to Tuefel & Carlson, 1320 5th Ave. $1,500,000; heating, ventilating and plumbing, to Rautman Plumbing & Heating Co., 109 Jackson St., $200,000.

Wash., Seattle—THEATRE—Pretica & Peters, archts., Pantages Bldg., 9 story and basement, 130 x 232 ft., rein.-con., brick and terra cotta, 9th and Union Sts., to Rounds-Clist & Co., Walker Bldg., for Paramount Building Corp., Seattle. $921,265. Noted Dec. 9.

Wash., Seattle—THEATRE—Real Estate Impvt. Co., Lyon Bldg., 1 story, 120 x 120 ft., concrete and steel, 3,000 seating capacity, 7th and Olive Sts., to H. Pederson, Alaska Bldg. Archts. est. $1,000,000.

Calif., El Sereno (mail Los Angeles)—CLUB—El Sereno Country Club, 117 West 9th St. Bldg., Los Angeles, 1 and 2 story, 100 x 280 ft., rein.-con., incl. swimming pool, here, to Stiles Constr. Co., 5252 Lockhaven Ave., Los Angeles, $150,000.

Calif., Glendale—APARTMENT—T. H. Westgate, et al., 3 story, brick, Adams St., to W. E. Warne, 1111 Rives-Strong Bldg., Los Angeles, $150,000.

Calif., Los Angeles—APARTMENT—A. Gallos, 4 story and basement, 88 x 150 ft., brick and concrete, Sunset Blvd. and Queens Rd., to R. DeCamp, 1277 West 24th St., to exceed $150,000.

Calif., Los Angeles—APARTMENT—D. Rosengarten, 1842 Cherokee Ave., 5 story, 40 x 163 ft., brick, 1842 Cherokee Ave., to S. F. Bard & Co., 566 Chamber of Commerce Bldg., $200,000.

Calif., Los Angeles — APARTMENT — H. J. Schmidt, 12 story and basement, 84 x 130 ft., brick, terra cotta, and steel, Magnolia Ave., to Frankfurt Co., Inc., 1096 North Western Ave., $750,000 cost plus percentage basis.

Calif., Los Angeles — APARTMENT — Whitley Holding Corp., Whitley Ave., 5 story and basement, 91 x 159 ft., rein.-con., incl. garage, North Whitley Ave., to Tierstein Constr. Co., 5562 Hollywood Blvd., $175,000.

Calif., Los Angeles — CLUB — Southern California Athletic & Country Club, Consolidated Bldg., 13 story and basement, 135 x 210 ft., steel and rein.-con., Wilshire Blvd., to Meyer & Holler, Wright & Callendar Bldg., $3,000,000. Noted Oct. 28.

Calif., Los Angeles — MERCANTILE — French Village, Inc., Ind. Bldg., 1 story, 240 x 240 ft., rein.-con. and stucco, Hollywood Blvd., to Meyer & Holler, Wright & Callendar Bldg., $500,000. Noted July 8.

Calif., Los Angeles — STORE and OFFICE — F. Harpstrite Corp., 419 North Bway., 12 story, 60 x 150 ft., rein.-con., 615 South Olive St., to Stradley-Newton & Wilkie, Jergins Trust Bldg. Annex, Long Beach, $600,000. Noted July 15.

Calif., Riverside—AUDITORIUM—City, 3 story and basement, 109 x 172 ft., rein.-con., stone and stucco, 2,000 seating capacity, 7th and Lemon Sts., to L. C. Waldman, Riverside, $156,580. Noted Nov. 18.

Calif., San Diego — CLUB — W. H. Wheeler, archt., Spreckels Bldg., 11 story, 100 x 100 ft., rein.-con., 6th and A Sts., to Jarbo Contg. Co., India St., for San Diego Athletic Club. $492,000. Noted Dec. 2.

Calif., San Diego—HOTEL and APARTMENT—Grant Terrace Building Co., 615 Commonwealth Bldg., 15 story, 200 x 200 ft., rein.-con., 7th and Ash Sts., to W. E. Simpson Co., 206 Scripps St., $900,000 cost plus percentage basis.

Calif., San Francisco—APARTMENT—E. V. Lacey, Hearst Bldg., will build 6 story and basement, concrete, Filbert St. near Van Ness Ave., by day labor. $200,000. Clausen & Amendes, Hearst Bldg., archts.

Calif., San Francisco—DANCE HALL—M. Fleishacker, et al., 2418 Pacific Ave., 2 story and basement, rein.-con., Market St., and Ness Ave., to Dinwiddie Constr. Co., Crocker Bldg., approximately $250,000. Noted Dec. 2.

Calif., San Francisco — SALES and SERVICE — Blackmore Investment Co., c/o J. L. Stewart, archt., Claus Spreckels Bldg., 4 story and basement, rein.-con., Van Ness Ave. near Washington St., to Mission Concrete Co., 125 Kissling St., $150,000. Noted Nov. 4.

Calif., Venice—CLUB—Los Angeles Surf Club, Los Angeles, 1 and 2 story club, incl. 90 x 190 ft. ballroom, 95 x 145 dining room, 75 x 170 ft. main lounge, 35 x 90 ft. loggia, 70 x 85 ft. billiard and bowling room, etc., on Sunset Pier, here, to J. Simpson, 701 Antonia St., Los Angeles, $400,000. Noted Nov. 18.

Calif., Visalia — HOSPITAL — Tulare Co., general contract hospital, to Hodgson & Son, Porterville, $62,300. Noted Dec. 9.

Buildings—Industrial

Proposed Work

Mass., Brockton — SHOE FACTORY — Diamond Shoe Co., H. S. Rubin, Sparks St., Boston, plans shoe factory, here. $150,000-$200,000. Engineer and architect not selected.

Mass., Franklin — FACTORY — F. H. Appleton & Son, Inc., plans rebuilding factory, Fisher St., recently destroyed by fire. $250,000. Engineer and architect not selected.

Mass., Mansfield—SLAUGHTER HOUSE—C. A. Carbonetti, 525 Main St., plans 1 and 2 story, brick, plain foundation, Ware St. $150,000. Private plans.

R. I., Kingston—POWER PLANT—See "Buildings—Educational, Religious."

R. I., Rumford — PLANT — Rumford Chemical Co. plans, 200,000 sq.ft. floor space, concrete and brick addition. $40,000. Private plans.

Conn., Hartford—SALES and SERVICE PLANT—White Co., B. M. Holden, 750 Main St., legal representative plans, rein.-con., brick and steel, Maple St. $225,000. Private plans.

N. Y., New York — BAKERY and OFFICE—Natl. Biscuit Co., R. E. Tomlinson, pres., 85 9th Ave., had plans prepared by L. Wirsching, Jr., 85 9th Ave., 16 story, 80 x 205 ft., rein.-con., brick and steel, plain foundation, 505 West 14th St. $3,000,000.

N. Y., Watertown—PAPER MILL and BAG FACTORY—Taggart Bros. Co., Inc., Morrison St., plans paper mill and bag factory, between Mitchel St. and Lake Shore. $1,500,000.

Va., Richmond—FACTORY—Philip-Morris Consolidated Co., 44 West 18th St., New York City, plans 109 x 160 ft., rein.-con., brick and steel, plain foundation, Cary and 20th Sts., here. $500,000. Engineer and architect not selected.

O., Cleveland — FACTORY — Bryant Heater & Mfg. Co., E. P. Bailley, Jr., pres., 17825 St. Clair Ave., takes bids after Dec. 13, 1 story, 75 x 280 ft., brick and steel addition. $150,000. Fox, Duthie & Foose, 6523 Euclid Ave., archts. Noted Dec. 9.

Ind., Noblesville—FACTORY and PULP MILLS—Ball Bros. Mfg. Co., East 9th St., Muncie, having preliminary plans prepared brick and steel factory and pulp mills. $500,000. Private plans.

Wis., Green Bay—PLANING MILL—D. Clabots, 501 North Maple St., plans rebuilding 2 story, brick and timber mill, recently burned by fire. $40,000. Engineer and architect not selected.

Wis., Mendota — RECEIVING and DORMITORIES—State Bd. Control, A. W. Bagley, secy., Madison, plans 4 story, rein.-con., brick and steel, receiving building and dormitories, plain foundations, at state hospital, here. $150,000. Engineer and architect not selected.

Wis., Random Lake — POWDERED MILK PLANT and CONDENSORY—E. A. Stubenrauch, archt., 629 North 8th St., Sheboygan, soon takes bids 1 and 2 story, 60 x 150 ft., brick and steel, for Velvo Cream Products Co., A. B. Marquist, pres. $50,000.

Mont., Laurel — STEEL CAR SHOP — Northern Pacific R.R. Co., H. E. Stevens, ch. engr., Ry. Exch. Bldg., St. Paul, Minn., plans 100 x 250 ft. rein.-con. and brick car shop, here. $300,000. O. M. Rognan, 1228 Ry. Exch. Bldg., archt.

Mo., Rolla—FUEL and POWER HOUSE—Missouri School of Mines and Metallurgy

Buildings—Industrial (Continued)

making preliminary plans brick and concrete fuel and power house. $58,000.

Mo., Rolla — CERAMICS and METALLURGY—Missouri School of Mines and Metallurgy making preliminary plans rein.-con., brick and stone building. $200,000.

Ark., Little Rock—BAKERY—Campbell Baking Co. having plans prepared by C. L. Thompson, 504 Home Insurance Bldg., 3 story and basement, 50 x 150 ft., rein.-con., brick and steel bakery.

Tex., Alice—SHIRT FACTORY—R. C. Bell, Fort Smith, Ark., purchased site and making plans 2 story, 90 x 140 ft. shirt factory, concrete or tile. $70,000 incl. machinery. Private plans.

Tex., Corpus Christi — COTTON COMPRESS, etc.—Arkansas Compress Co., c/o J. K. Cain, pres., had preliminary sketches made compress and warehouse, with loading wharf at port side, 50,000-75,000 sq.ft. floor space $110,000. Private plans.

Tex., Dalhart—ELECTRIC LIGHT and ICE PLANT—Dalhart Ice & Electric Co. soon takes bids 70 x 100 ft., brick and tile electric light plant, 80 ton capacity ice plant, large water well, 3 water pumps, water reservoir above ground, 1 m.g. capacity. $250,000. Private plans.

Tex., Edinburg — GARAGE — Southtex Motor Co. takes bids after Dec. 27, 2 story, small basement, rein.-con., steel and stucco, plain foundation. $80,000. R. L. Bogler, Edinburg, archt.

Tex., San Antonio — BAKERY — C. J. Fehr and associates, 3113 Jamaica Ave., Jamaica, N. Y., purchased site and having plans prepared by C. J. Patterson Corp., 4050 Penn St., Kansas City, Mo., 2 story and part basement, 170 x 215 ft., rein.-con. and brick, plain foundation, Comal and Hickman Sts., here. $350,000.

Tex., San Antonio — GARAGE, SALES and SERVICE — H. E. Mills, engr., c/o Buick Co., Bway. and 3rd St., soon lets contract 3 story and basement, 80 x 140 ft., brick and rein.-con., plain foundation, Bway. and 10th St., for Buick Motor Co., c/o H. H. Webb, Bway. and 3rd St. $110,000.

Calif., San Francisco — PLANT — Hill-Hubbell Co., 115 Davis St., having plans prepared by Ashley & Evers, 525 Market St., varnish manufacturing plant, Army and San Bruno Aves. $50,000 or more.

Calif., Torrance — PLANT — Columbia Steel Corp., 215 Market St., San Francisco, plans plant addition, incl. 6 sheet-steel rolling mills of approximately 3,500 tons per mo., and 1 additional open hearth furnace. $1,500,000 or more.

Que., Montreal — PLANT — Walpamur Paint Co., London, England, plans plant, here.

Bids Desired

Mass., Boston—TERMINAL—King Terminal, 50 State St., Boston, taking bids Building 7, 4 story, 50 x 105 ft., rein.-con., concrete pile foundation, Elkins St. $40,-000 or more. Shepard & Stearns, 65 Franklin St., archts.

Mass., Cambridge (Boston P. O.)—REPAIR and SERVICE GARAGE—L. Blais, Church St., taking bids 1 story, brick and steel addition, plain foundation, Church and Harvard Sts. $45,000. R. C. Grovestein, 5 Brattle St., archt. Noted Nov. 11.

Mass., Everett (br. Boston) — DYE HOUSE—Cabot Cleansing Co., G. Bjorgian, 302 Main St., taking bids 1 story brick and steel, plain foundation, Main St. $40,-000. A. Astor, 354 Aborway, Jamaica Plain, archt.

Mass., Malden (Boston P. O.)—BAKING PLANT—See "Contracts Awarded."

Mass., Malden (Boston P. O.)—REPAIR and SERVICE GARAGE—See "Contracts Awarded."

Mass., Newton (Ind. br. Boston) — SALES, REPAIR and SERVICE GARAGE —P. A. Murray, 210 Washington St., taking bids 2 story, rein.-con. and brick, Washington St. $40,000. Private plans.

Conn., New Haven—REPAIR GARAGE —See "Contracts Awarded."

N. Y., Syracuse—STOREHOUSE—Hurwitz Bros. Iron & Metal Co., 540 Tracy St., having plans prepared by G. A. Young, McCarthy Bldg., 1 story, 50 x 100 ft., brick and steel, plain foundation, Richmond Ave. $50,000.

Pa., Phila.—FACTORY—See "Contracts Awarded."

Ind., Hammond—SHOP and GARAGE—W. C. Hutchison, Sibley St. and Oakley Ave., taking bids 1 story, 85 x 150 ft., brick and steel machine shop and garage. $40,000. Private plans.

Ind., Whiting—POWER PLANT—Standard Oil Co. of Indiana, W. R. Burton, pres., 910 South Michigan Ave., Chicago, Ill., taking bids 2 story, 170 x 231 ft. steam turbine power plant, rein.-con., brick and steel, here. $1,000,000. R. E. Humphrey, Whiting, engr.

Ill., Chicago—ICE MACHINE FACTORY —See "Contracts Awarded."

Wis., Milwaukee—GARAGE—Dec. 20, by P. Marzillier, archt., 144 Oneida St., 1 and 3 story, 100 x 120 ft., rein.-con., brick and steel, plain foundation, Grand Ave. and 38th St., for G. W. Browne, Inc., 146 Bway. $100,000-$150,000. Noted Nov. 25.

Calif., San Jose—SHOP and FACTORY —See "Contracts Awarded."

Ont., London — FACTORY — Richards Wilcox Canadian Co., W. R. Yendall, mgr., taking bids tile factory addition, Chelsea Green. $50,000. Noted Nov. 11.

Contracts Awarded

Mass., Arlington — BAKERY — W. K Hutchinson Co., 284 Massachusetts Ave., 1 and 2 story, rein.-con., plain foundation, 230 Massachusetts Ave., to Arlington Constr. Co., 313 Bway. Archts. est. $40,000.

Mass., Boston—MILL—Palmer & Parker Co., 103 Medford St., Charlestown, 2 story, timber addition, to J. W. Bishop Co., 683 Atlantic Ave. Archts. est. to exceed $40,000.

Mass., Brockton — REPAIR GARAGE and SHOW ROOM—D. W. Mullen, 97 Boylston St., 1 story, rein.-con., 159 Main St., to C. A. Batson, 25 Arlington St. Archts. est. $40,000.

Mass., Charlestown (sta. Boston)—LUMBER MILL—Holt & Bugbee, 239 Medford St., 2 story, 65 x 250 ft., rein.-con. and brick, plain foundation, Medford St., to I. H. Bogart & Son, 69 Newbury St., Boston. Archts. est. $150,000.

Mass., East Cambridge (Boston P. O.)—BOILER PLANT—Comrs. Middlesex Co. (Cambridge), A. Cutting, chn., Court House, 1 story and basement, brick and stone, plain foundation, here, to W. J. Delaney, 283 Essex St., Lawrence. Archts. est. $175,000. Noted Dec. 9.

Mass., Fall River—PLANT—Fall River Daily Herald, C. Kelley, altering and constructing 2 story and basement, brick addition, 231 Pocasset St., to Carey Quarry & Constr. Co., 56 North Main St. Archts. est. $40,000.

Mass., Malden (Boston P. O.)—BAKING PLANT—Friend Bros., 407 Main St., Melrose, will build 2 story, brick and steel, Eastern Ave., by day labor. $40,000. Private plans.

Mass., Malden (Boston P. O.)—REPAIR and SERVICE GARAGE—L. M. Fowler, 424 Pleasant St., will build 1 story, 65 x 85 ft., rein.-con. and brick, plain foundation. $40,000. Work will be done by separate contracts. A. O. Bottomley, 10 Tremont St., Boston, archt. Noted Oct. 21.

R. I., Providence—GARAGE and REPAIR SHOP—H. L. MacKenzie, 277 Hope St., 2 story, 60 x 80 ft., rein.-con., brick and steel, Bucklin and Bellevue Aves., to E. H. Bigney, 49 Weybosset St. Archts. est. $50,000.

Conn., New Britain — REPAIR and SERVICE GARAGE—H. C. Morton, 132 Arch St., 2 story, 65 x 135 ft., brick and rein.-con., to W. H. Allen Co., Inc., 12 Glen St. Archts. est. $100,000.

Conn., New Haven—REPAIR GARAGE —Lunde & Lohne, 902 Chapel St., will build 1 story, 65 x 142 ft., and 50 x 150 ft., rein.-con., brick and steel, plain foundation, Orchard St., by day labor. $65,000. C. H. Abramowitz, 42 Chapel St., archt.

Conn., South Norwalk—WAREHOUSE, GARAGE and REPAIR SHOP—Beacon Oil Co., Beacham St., Everett, 1 and 2 story rein.-con., plain foundation here, to Cross & Roverts, Inc., 101 Milk St., Boston, Mass. Archts. est. $50,000.

N. Y., Syracuse—BAKERY—Wards Baking Co., 367 Southern Blvd., New York City, 3 story and basement, rein.-con., brick and steel, plain foundation, Oswego St., here, to Equity Constr. Co., 25 West 43rd St., New York City. Archts. est. $500,000. Noted Nov. 25.

Pa., Phila.—FACTORY—J. Anders, c/o J. F. Clark, archt., 23 South 16th St., will build 4 story and basement, 60 x 177 ft. brick, plain foundation, 25th and Oakford Sts. Work will be done by separate contracts.

Fla., Gunntown — LUMBER MILL — Grove Dowling Hardwood Co., lumber mill, 150,000 ft. daily capacity, to Thrall & Shea, Lake Charles, La. Archts. est. $500,000. Owner furnishes material and equipment.

Ala., Florence — PLANT — Gardner-Warren Mfg. Co., 3 story, 65 x 133 ft. manufacturing plant, to T. C. Thompson, 609 North Smith St., Charlotte, N. C., $70,000.

La., Cedar Grove—REFINERY—Crystal Oil Refinery Corp., c/o F. W. Burford, genl. mgr., 2 unit addition to plant, to Graver Corp., 4809 Todd Ave., East Chicago, Ind., approximately $300,000.

O., Cincinnati — PLANT — Prest O'Lite Co., Inc., 30 East 42nd St., New York City, N. Y., 1 story, 80 x 215 ft., brick, rein.-con. and steel, plain foundation, Brotherton Rd., here, to Ferro Concrete Constr. Co., 3rd and Elm Sts. Archts. est. $100,000.

Ind., Fort Wayne—FACTORY—Wayne Tank & Pump Co., general contract 1 story, 140 x 300 ft., brick and steel factory, to Indiana Eng. & Constr. Co., Central Bldg. Archts. est. $46,000. Noted Sept. 9.

Ind., Jasper — MACHINE SHOP and GARAGE—Fritch Bros., 1 story and basement, 100 x 100 ft., brick and steel machine shop and garage, brick contract, to A. Berger, Jasper, and steel, to Mesker Steel & Iron Co., Evansville. Archts. est. $45,000.

Mich., Detroit—MACHINE SHOP—A. Kahn, archt., 1000 Marquette Bldg., 1 story, 200 x 1,632 ft., rein.-con., brick and steel, plain foundation, Lynch Rd., to Fort Pitt Bridge Co., House Bldg., Pittsburgh, Pa., for Dodge Bros., Inc., Jos. Campau Ave. Noted Nov. 25.

Ill., Chicago—ICE MACHINE FACTORY —Peerless Ice Co., 503 South Jefferson St., will build 1 and 2 story factory, 35,000 sq.ft. floor space, 35th and Parnell Sts., by day labor, next spring. This corrects report in Dec. 2 issue.

Wis., Milwaukee — WAREHOUSE — Pabst Corp., 917 Chestnut St., 5 story, 67 x 73 ft., rein.-con. and brick, plain foundation, Chestnut St., to Universal Constr. Co., 915 Chestnut St. Archts. est. $100,000.

Wis., Milwaukee — BAKERY — W. E. Long Co., engrs. and archts., 155 North Clark St., Chicago, Ill., 2 story and basement, 60 x 120 ft., brick and timber addition, Greenfield Ave., to P. Reisens Sons, 1018 Humboldt Ave., for Wehle Bros. Baking Co., 936 Greenfield Ave. Archts. est. $45,000. Noted Dec. 2.

Tex., Dallas—FREIGHT TERMINAL—Southern Pacific R.R. Co., G. W. Boschke, ch. engr., 65 Market St., San Francisco, 2 story, 50 x 350 ft., and 1 story, 45 x 700 ft., brick, steel and tile, Central Ave. from Commerce to Aiken Sts., here, to Bellows-Maclay Constr. Co., 611 Kirby Bldg. Noted Sept. 2.

Tex., Pittsburg — ICE PLANT — East Texas Pub. Serv. Co., Marshall, general contract 1 story, 65 x 120 ft., rein.-con., brick and steel, plain foundation, here, to

Constr. News page 395

ROAD PROTECTION SYSTEM—GULFPORT, MISS.

Bids were opened by Road Protection Commission of Harrison County, Nov. 15, for construction and completion of road protection system, Sects. Nos. 1-6, from (A) C. F. Lytle, Sioux City, Ia. (awarded contract); (B) Weaver, Nixon & Phillips, Lineville, Ala.; (C) Woods Bros., Lincoln, Nebr. The unit bids are as follows:

	A	B	C
38,839 lin.ft. type A concrete wall (11-ft.)	$21.75	$24.50	$24.15
14,642 lin.ft. type B concrete wall (8-ft.)	17.00	20.00	20.70
124 type A catch basins	45.00	50.00	55.00
49 type B catch basins	40.00	40.00	50.00
1,183 cu.yd. mass concrete	25.00	20.00	28.00
2,800 cu.ft. concrete piling	1.00	.90	1.30
Concrete Pipe:			
3,124 lin.ft. 6 in.	.50	.40	.60
2,516 lin.ft. 8 in.	.80	.60	.95
4,813 lin.ft. 12 in.	1.30	1.00	1.47
3,883 lin.ft. 18 in.	2.00	2.00	2.65
1,741 lin.ft. 24 in.	3.00	3.00	3.80
12,600 lb. extra steel reinforcement	.05	.055	.05
53,481 lin.ft. sidewalk and curb	1.00	1.05	1.25
473,874 cu.yd. hydraulic backfilling	.22	.27	.34
Extended totals	$1,314,761	$1,484,091	$1,543,929

Buildings—Industrial (Continued)

L. E. Myers & Co., Athletic Bldg., Dallas, approximately $28,000.

Tex., San Antonio — GARAGE — H. P. Smith, archt., c/o Natl. Bank of Commerce Bldg., 3 story and part basement, rein.-con. brick and stone, plain foundation, San Pedro and Poplar Sts., to E. Oeffinger, c/o Builders Exch. Bldg., for Guarantee Motor Car Co., Romana St. $84,490. Noted Dec. 2.

Tex., San Antonio—GARAGE—Guarantee Motor Co., 1201 Navarro St., 3 story, 110 x 190 ft., rein.-con., brick and tile, plain foundation, San Pedro and Poplar Sts., to E. Oeffinger, c/o Builders Exch. Bldg., $84,490. Noted Dec. 2.

Calif., San Jose—SHOP and FACTORY—Amer. Can Co., Mills Bldg., San Francisco, will build three 1 story, rein.-con. shop and factory buildings, Martha and 5th Sts., here. $225,000. Work will be done by separate contracts.

Calif., Emeryville—AUTO SHOPS—Associated Oil Co., Associated Oil Bldg., San Francisco, 1 story, concrete, brick and steel shops, 59th and Green Sts., here, to Villadsen Bros., 417 Market St., San Francisco, $100,000. Noted Dec. 2.

Calif., Los Angeles—WAREHOUSE—Bd. Educ., 8 story and basement, 135 x 166 ft., rein.-con., South San Pedro St., to Darrell-Condley Co., 112 West 9th St., $147,324.

Buildings—Educational, Religious

Proposed Work

Mass., Boston — AUDITORIUM — Wentworth Institute, P. B. Watson, 53 State St., having plans prepared by Kilham-Hopkins & Greeley, 9 Park St., auditorium, Huntington Ave. $150,000 or more.

Mass., Agawam—CHURCH—St. Williams Parish, A. Potvin, pastor, plans 1 story and basement, brick, stone, and marble church. $150,000 or more. Engineer and architect not selected.

Mass., Lawrence—HIGH SCHOOL—Bd. Pub. Wks. plans Junior High School. $400,000.

Mass., Lynn—SCHOOL—City, Mayor's Office, City Hall, plans 2 story and basement, brick addition to Shepard School, plain foundation, Warren St. $200,000. Private plans.

Mass., Lynn—SCHOOL—City, Mayor's Office, City Hall, plans 1 story and basement, brick and stone, Fay Estate Dist. $150,000. Private plans.

Mass., Winchendon — CHURCH — Emanuel Church, J. P. Beauchamp, pastor, having sketches made by C. C. Coveney, 184 Boylston St., Boston, 1 story and basement, rein.-con., brick and stone, plain foundation. $150,000.

R. I., Kingston — GYMNASIUM, LIBRARY, AUDITORIUM, etc. — Rhode Island State College, A. Edwards, in charge, plans gymnasium and drill hall, $100,000; mens dormitory $75,000; remodeling Lippett Hall; library and auditorium, $150,000; and power plant addition, $40,000 or more. Engineer and architect not selected.

Conn., Bloomfield—SCHOOL—Town, L. A. Tobie, chn., plans school. $150,000 or more. Engineer and architect not selected.

Conn., East Haven (br. New Haven)—LIBRARY—Town, Town Hall, plans Hagaman Memorial Library. $200,000. Engineer and architect not selected.

Conn., Hartford — CHURCH — St. Lawrence O'Toole's Roman Catholic Church, J. A. Dooley, pastor, having preliminary plans prepared by O'Connell & Shaw, 134 Newbury St., Boston, 1 story and basement, probably brick and stone, Wilson St. and Hillside Ave. $150,000.

Conn., Hartford—DORMITORY—Hartford Hospital, 20 South Hudson St., having plans prepared by C. J. Malmfeldt, 15 Lewis St., 4 story, brick and steel, Jefferson St. $150,000.

Conn., New Haven—SCHOOL—Bd. Educ. having plans prepared by Brown & Von Beren, 185 Church St., 2 story and basement, brick and steel, Ridge and View Sts. $150,000.

Conn., New London—CHURCH—Second Congregational, J. P. T. Armstrong, 59 Hillside Ave., chn. com., plans rebuilding church, Broad St. $200,000. Engineer and architect not selected.

Conn., Wethersfield (br. Hartford) — HIGH SCHOOL—Town, A. Stronach, chn., having plans prepared by Ebbets & Frid, 15 Lewis St., Hartford, 2 story and basement, brick and steel high school. To exceed $150,000.

Constr. News page 396

N. Y., Buffalo — HIGH SCHOOL — Felician Sister Orphanage Pine Ridge Rd. and Doat St., plans girls high school, rein.-con. and brick, Pine Ridge Rd. $175,000.

N. Y., East Aurora—CHURCH—Baker Memorial Methodist Episcopal Church, soon lets contract 1 and 2 story, 137 x 137 ft., stone, plain foundation. $350,000. C. W. Bolton & Son, Schaff Bldg., Phila., Pa., archts. Noted Aug. 5.

N. Y., Purdy Station—HIGH SCHOOL—Bd. Educ., Cronon Fall, soon takes bids 3 story, brick, steel and stone, plain foundation, here. Knappe & Morris, 71 Madison Ave., New York City, archts.

N. Y., Richmond Hill (Ind. br. Jamaica)—HIGH SCHOOL—Bd. Educ., 500 Park Ave., New York City, soon takes bids Richmond Hill High School, incl. 28 x 75 ft. swimming pool, here. $2,074,000. W. H. Gompert, Flatbush Ave. extension and Concord St., Brooklyn, archt.

Pa., New Castle—HIGH SCHOOL—Bd. Educ. takes bids in spring 3 story and basement, 32 room Junior High School, incl. gymnasium, swimming pool, etc., Euclid Ave. $500,000. A. L. Thayer, New Castle, archt.

Md., College Park—DORMITORY—University of Maryland, S. Shoemaker, chn. Bd. Regents, plans 2 story and basement, rein.-con., brick and steel dormitory buildings. $400,000. Engineer and architect not selected.

O., Bowling Green—HIGH SCHOOL—Bd. Educ. plans Junior High School. $350,000. S. P. Stewart & Son, Bowling Green, archts.

O., Canton—HIGH SCHOOL—City plans purchasing site and constructing Junior High School, 25th St. N. W. $250,000.

O., Cincinnati—CHURCH—Knox Presbyterian Church, Shaw and Erie Aves., having plans prepared by Tietig & Lee, 34 West 6th St., 2 story and basement, brick and rein.-con., plain foundation, Observatory St. $200,000.

O., Cleveland Heights (Warrensville P. O.) — GOLF SCHOOL — See "Buildings—Commercial."

O., Garfield Heights (br. Bedford) — HIGH SCHOOL—Bd. Educ. having plans prepared by Fulton & Taylor, 8120 Euclid Ave., Cleveland, 3 story and basement, brick, steel and concrete, Turney Rd. $450,000.

Ind., Delphi — HIGH SCHOOL — School Trustees, C. C. McFarland, pres., having preliminary plans prepared by O. P. Gordon, Greenfield, 2 story and basement, 70 x 221 ft., rein.-con., brick and steel, incl. auditorium and gymnasium. $150,000.

Ind., Ft. Wayne — HIGH SCHOOL — Catholic Diocese, J. F. Noll, bishop, having preliminary plans prepared rein.-con., brick and steel high school and boarding school, State Blvd. and Pemberton Dr. $1,000,000. Engineer and architect not selected.

Ind., Vincennes — HIGH SCHOOL — School Trustees, E. H. Haskins, supt., having plans prepared by J. B. Bayard, 231½ Main St., rein.-con., brick and steel, high school. $160,000.

Ill., Chicago—CHURCH, OFFICE and STORE — Rogers Park Congregational Church, 6931 North Ashland Blvd., having plans prepared by W. C. Wright, 720 North Michigan Ave., 3 story, 60 x 175 ft., brick, 6923-35 North Ashland Blvd. $200,000.

Ill., Springfield—CATHEDRAL, PARISH HOUSE and SCHOOL—Immaculate Conception Church, A. Griffith, bishop, plans cathedral, $1,500,000; parish house, $250,000; and school $350,000. Engineer and architect not selected. Noted Sept. 16.

Ill., Woodriver—HIGH SCHOOL—Woodriver-East Alton Community High School Dist., L. G. Osborne, supt., voted $175,000 bonds, 3 story, rein.-con., brick and stone addition. W. B. Ittner, 911 Locust St., St. Louis, Mo., engr. Noted Sept. 30.

Wis., Cudahy—GYMNASIUM—Bd. Educ., J. Heffron, secy., had plans prepared by Rosman & Wierdsma, 490 Bway., Milwaukee, and soon takes bids 3 story, 72 x 108 ft., rein.-con., brick and steel addition, incl. swimming pool, plain foundation. $150,000.

Wis., Kenosha — HOME — Carmelite Sisters, H. M. Pauley, Pub. Serv. Bldg., chn. special com., plans fireproof home for aged. $150,000. Engineer and architect not selected.

Wis., Kenosha—SCHOOL, GYMNASIUM and AUDITORIUM — Bd. Educ., E. F. Powers, secy., having plans prepared by J. D. Chubb, 109 North Dearborn St., Chicago, Ill., 2 story, brick, tile and concrete, plain foundation, Salem Ave. $320,000.

Wis., Madison — ADMINISTRATION — University of Wisconsin, J. D. Phillips, bus. mgr., plans 4 story, rein.-con., brick and steel, plain foundation, on campus. $350,000. Engineer and architect not selected.

Wis., Madison — CHEMISTRY — Bd. Regents State University having revised plans prepared by A. Peabody, State Capitol, Madison, 4 story, 60 x 180 ft., rein.-con., brick and steel, plain foundation. $1[illegible]. Noted Sept. 30.

Wis., Madison—HIGH SCHOOL—University of Wisconsin, J. D. Phillips, bus. mgr., plans 4 story, rein.-con., brick and steel addition to Wisconsin High School, plain foundation, on campus. $1[illegible]. Engineer and architect not selected.

Wis., Madison—SCHOOL—University of Wisconsin, J. D. Phillips, bus. mgr., plans 4 story, 60 x 150 ft., rein.-con., brick and steel addition to home economics building, plain foundation, on campus. $1[illegible]. Engineer and architect not selected.

Wis., Milwaukee—COLLEGE—St. Marys College & Academy, Prairie du Chien, plans college, Grand Ave., here. To exceed $150,000.

Wis., Milwaukee—DEACONESS HOME—Methodist Deaconess Home, 930 Cedar St., had plans prepared by M. Tullgren & Sons, 9 Waverly Pl., and soon takes bids 5 story and basement, 42 x 125 ft., brick and concrete, plain foundation, 11th and Cedar Sts. $150,000.

Wis., Superior — CHURCH — Concordia Lutheran Congregation having plans prepared by T. Thorson, Forest City, Ia., church, here. $150,000-$200,000.

Wis., Whitefish Bay (Milwaukee P. O.) —SCHOOL, CHURCH and MONASTERY—St. Monica Congregation, P. E. Dietz, Silver Spring Rd., pastor, having preliminary plans prepared by A. C. Runzler, 144 Oneida St., 2 story and basement, brick and tile, plain foundation, Richards St. $500,000.

Ia., Davenport—DORMITORY—Augustana College having plans prepared by Perkins, Fellows & Hamilton, 812 Tower Court, Chicago, Ill., and takes bids about Feb. 1, 4 story, 70 x 159 ft., rein.-con., slate and stone, 7th Ave. near 36th St. $175,000.

N. D., Wahpeton—HIGH SCHOOL—Defeated $200,000 bonds, constructing high school for Bd. Educ. A. H. Miller, city aud. Noted Dec. 2.

Tex., Brownsville — COLLEGE, etc. — State Bd. Control, University of Texas, Extension Dept., Austin, plans Junior College and High School, approximately 3 story, rein.-con., brick and stone, plain foundation, here. $275,000. Engineer and architect to be selected from sketches prepared by various architects.

Tex., McAllen — COLLEGE — Baptist Church, c/o J. M. Carroll, doctor, 209 Stratford Ct., will not construct 3 story and basement, rein.-con., brick and tile building, plain foundation. $750,000. Project abandoned. Noted Oct. 7.

Tex., San Angelo — COLLEGE — Bd. Educ., c/o S. W. March, pres., takes bids after Jan. 1, Junior College, 2 story, rein.-con., brick and tile, plain foundation. $250,000. Phelps & DeWees, 718 Gunter Bldg., San Antonio, archts. Noted July 8.

Okla., Ponca City—HIGH SCHOOL—Bd. Educ. had plans prepared by Smith & Senter, 401 Masonic Bldg., 3 story and basement, 128 x 168 ft., rein.-con. and brick high school. $300,000.

Ore., Portland—SCHOOL—School Dist. having plans prepared by G. H. Jones, 7th and Clackamas Sts., grade school, 2 story, East 17th and Beach Sts. $160,000.

Calif., Glendale—HIGH SCHOOL—Glendale Bd. Educ. plans election $700,000 bonds, additional high school buildings, Northwest Sect.

Calif., Gridley—HIGH SCHOOL—Gridley Union High School Dist. having plans prepared by G. C. Sellon & Co., California State Life Bldg., Sacramento, two 1 and 2 story, brick buildings. $150,000. Noted Nov. 11.

Calif., Los Angeles — CHURCH — Immanuel Presbyterian Church having revised plans prepared by C. F. Skilling & H. M. Patterson, Chamber of Commerce Bldg., 3 story, 136 x 220 ft. church, and 4 story, 60 x 145 ft. parish house, brick and steel, Wilshire and Berendo Sts. $1,000,000. Former bids rejected.

Calif., Los Angeles—SCHOOL—Bd. Educ. having plans prepared by J. C. Austin & F. Ashley, Chamber of Commerce Bldg., and W. Hudson, 1809 Santa Monica Blvd., Beverly Hills, school, Rodeo-Whiting site. $200,000.

Calif., Pasadena—CHURCH—St. Andrews Parish having plans prepared by R. Montgomery, Chamber of Commerce Bldg., Los Angeles, rein.-con. church with 200 ft. tower, Raymond and Chestnut Sts. $250,000.

Calif., Watsonville—SCHOOLS—Watsonville Grammar School Dist. having plans prepared by W. H. Weeks, 369 Pine St., San Francisco, 2 school buildings. $150,000 or more.

Ont., Sandwich—COLLEGE—Assumption College having plans prepared by A. J.

Buildings—Educational, Religious (Cont.)

Lothian, 230 Chatham St., brick and steel addition. $300,000.

Bids Desired

N. H., Manchester—SCHOOL—Dec. 17, by St. Anthony's Parish, L. J. Doucet, pastor, 2 story and basement, brick and steel, Belmont St. $250,000. W. E. Provost, 1061 Elm St., archt. Noted Nov. 11.

Mass., Gardner — CHURCH — Finnish Evangelical Church, C. Hamalainer, 266 Pleasant St., taking bids 2 story and basement, brick and stone, plain foundation, West St. $150,000. Haynes & Mason, 280 Main St., Fitchurg, archt. Noted Dec. 2.

Mass., Lynn—TEMPLE—Temple Bethel Congregation, H. Zozel, pres., 11 Gray Circle, taking bids 1 story and basement, 65 x 80 ft., rein.-con., brick and stone, plain foundation, Breed and Lewis Sts. $150,000. G. A. Cornet, 10 Central Ave., archt.

Mass., Melrose (Ind. br. Boston)—CONVENT—St. Mary's Roman Catholic Church of the Annunciation, F. F. Glynn, pastor, 41 Myrtle St., taking bids 3 story and basement, irregular shaped, brick and limestone, Myrtle St. $160,000. C. R. Greco, 11 Beacon St., Boston, archt.

Mass., Rosindale (sta. Boston)—SCHOOL—Dec. 23, by School-house Dept., Boston, 1 story, basement, and 2 ells, 40 x 125 ft., brick and limestone, plain foundation, Mahler and Walden Rd., Francis Parkman Dist., here. $150,000. Former bids rejected. C. Albright & W. C. Balney, 308 Boylston St., Boston, archts. Noted Oct. 28 under "Boston."

Mass., Worcester—DORMITORY—Worcester Polytechnic Institute c/o R. Earle, pres. taking bids superstructure 3 story and basement, brick and steel, West St., $250,000. Appleton & Stearns, 53 State St., Boston, archt. Noted Nov. 18.

R. I East Providence (br. Providence)—HIGH SCHOOL—Town School Com., taking bids Junior High School, 2 story and basement, brick and stone, plain foundation. To exceed $150,000. W. R. Walker & Son, 49 Weybosset St., Providence, archts. Noted Oct. 28.

Conn., Torrington—CHURCH—St. Peters Parish, S. Bonforti, pastor, taking new bids 2 story, 65 x 112 ft., brick, steel and stone, 56 East Main St. $150,000. Former bids rejected. D. A. Guerriero, 1029 Main St., Hartford, archt. Noted Oct. 28.

Conn., Winsted—SCHOOL—City, S. T. Clifton, 804 Main St., having plans prepared by W. E. Hunt, 182 Church St., Torrington, 2 story and basement, steel and stone, 4th Dist. $200,000.

N. J., Merchantville (Ind. br. Camden)—HIGH SCHOOL and AUDITORIUM—Dec. 28, by Merchantville School Bd., 2 story and basement, 100 x 140 ft., and 70 x 80 ft., rein.-con. and brick, plain foundation. A. H. Moses, Temple Bldg., Camden, archt. Noted Nov. 11.

Pa., Erie — CHURCH — Jan. 6, by Corbusier, Lenski & Foster, archts., B. F. Keith Bldg., Cleveland, O., 1 and 2 story, 120 x 150 ft., brick, steel and stone church, here, for Sarah Hearn Memorial Presbyterian Church, C. S. Beatty, pastor. $175,000. Noted June 10.

Fla., Miami—HIGH SCHOOL—Dade Co. Bd. Pub. Instruction, R. L. Hamon, dir. Building Constr., P. O. Box 2012, taking bids and open same about Jan. 4, Senior High School, 1, 2, 3 and 4 story, rein.-con. and steel, concrete foundation, 1st and 3rd Sts., Southwest 24th and 25th Sts. $1,000,000. Kiehnel & Elliott, 930 Seybold Bldg., archts. E. A. Stuhrman, 944 Seybold Bldg., engr.

Wis., Milwaukee—HIGH SCHOOL—Dec 30, by F. M. Harbach, secy. School Bd., 10th and Prairie Sts., 3 story and basement, 53 x 118 ft., brick and concrete addition, plain foundation, Prairie St. $200,000. G. E. Wiley, c/o School Bd., archt.

Ariz., Phoenix—CHURCH—First Presbyterian Church taking bids 2 story and basement, 150 x 300 ft., rein.-con. and stone, incl. auditorium, classroom, offices, etc. $250,000. N. F. Marsh, 1011 Bway. Central Bldg., Los Angeles, Calif., archt. Noted July 8.

Calif., Beverly Hills — SCHOOL — Los Angeles Bd. Educ., taking bids 2 story, 65 x 200 ft. class room building, 80 x 150 ft. auditorium, 1,500 seating capacity, 1 story, 40 x 150 ft. domestic science building, 1 story, 60 x 161 ft. shop, two 80 x 80 ft. gymnasiums, all foregoing brick, here. $400,000. R. D. Farquhar, Security Bldg., Los Angeles, archt. Noted Oct. 28.

Calif., Oakland—HIGH SCHOOL—Bd. Educ. taking bids Lowell Jr. High School, 3 story, brick, incl. gymnasium and assembly hall. $250,000. H. Schroeder, 354 Hobart St., archt.

Bids Received

Mass., Danvers—HIGH SCHOOL—Town, School Com., 2 story and basement, 85 x 175 ft., brick and stone, plain foundation, Donant St., from Dacey & Tibbetts, Inc., 70 Porter Rd., Cambridge, $190,900. Noted Dec. 2.

Mass., Dartmouth — HIGH SCHOOL — Town, School Com., Dec. 7, 2 story and basement, 70 x 180 ft., brick and stone, plain foundation, from Central Eng. & Constr. Co., Slater Trust Bldg., Pawtucket, R. I., $118,939; heating and ventilating, from Anderson & Olson, 147 Chauncery St., New Bedford, $26,566. Noted Dec. 2.

Pa., Phila.—SCHOOL—Bd. Educ., J. D. Cassell, supt., 19th and Chestnut Sts., Dec. 1, general contract 3 story and basement, 97 x 219 ft., rein.-con., brick, steel and terra cotta, L and Lycoming Sts., from W. Langhorne, 10 South 18th St., $462,000; and heating, from Thompson Bros., 520 Buttonwood St., $45,440. Noted Dec. 9.

Pa., Swarthmore — SCHOOL — School Dist., H. Jaquette, secy., general contract altering and constructing 3 story, 65 x 155 ft. addition, Collins Ave., from Bryon Co., 10 South 18th St., Phila., $115,450. Noted Dec. 9.

Minn., Minneapolis—PHYSICS LABORATORY—State Comrs. Administration & Finance, 18 State Capitol, St. Paul, Dec. 7, general contract 4 story and basement, rein.-con., brick and stone, at State University, here, from Madsen Constr. Co., 618 Natl. Bldg., $318,000. Noted Dec. 2.

Wash., Seattle — PHYSICAL EDUCATION—Bd. Regents University of Washington, Dec. 4, 2 story and basement, 140 x 225 ft., rein.-con., brick and steel physical educational building, incl. gymnasium, showers, etc., campus, from Dougan & Chrisman, Ry. Exch. Bldg., $184,667. Noted Nov. 18.

Calif., San Mateo — MONASTERY — Dominican Nuns of Corpus Christi Monastery, 1090 Eddy St., San Francisco, general contract, rein.-con., Gothic type, Poplar St., here, from J. S. Sampson, 180 Jessie St., San Francisco, $120,000. Noted Dec. 2.

Contracts Awarded

Mass., Avon — SCHOOL — Swedish Lutheran Orphans Home, c/o C. I. Olson, archt., 101 Main St., Brockton, 3 story and basement, 60 x 100 ft., brick, plain foundation, near Main St., to A. Omar, 37 Willow St. Archts. est. $150,000.

Mass., Boston—SCHOOL—May School, Inc., 339 Marlboro St., altering and reconstructing 4½ story and basement, brick, plain foundation, 270 Beacon St., to Sawyer Constr. Co., 16 Arlington St.

Mass., Medfield—HIGH SCHOOL—Town, School Com., 2 story and basement, brick and stone, plain foundation, North and Dale Sts., to W. H. Iliffe, P. O. Box 68, Watertown. Archts. est. $150,000. Noted Oct. 21.

Mass., Quincy (Boston P. O.)—SCHOOL—St. Joseph's Roman Catholic Church, M. J. Cuddihy, pastor, Quincy Point, 2 story and basement, brick and stone, plain foundation, Washington and Pray Sts., here, to F. S. Brennan, 11 Beacon St., Boston. Archts. est. $150,000. Noted Dec. 9.

Mass., Saugus — CHURCH — St. Johns Episcopal Church, 2 story and basement, rein.-con. and brick, plain foundation, Cliftondale Sect., to D. Cormier, 680 Main St., Waltham. Archts. est. $150,000. Noted Oct. 21.

Mass., Winchester — CHURCH and PARISH HOUSE—Second Congregational Church, J. E. Whitley, 1 and 2 story and basement, brick and stone, plain foundation, Washington St. and Kenwin Rd., to A. J. Young, 30 Vine St. Archts. est. $150,000.

Mass., Shrewsbury — CHURCH — Fairhaven Methodist Episcopal Church, 1 story and basement, brick and stone, plain foundation, Stanley Rd., to C. Ramsey, Wesleyan St. Archts. est. $150,000.

Mass., Springfield — CHAPEL — Congregation Beth El, c/o A. Harp, 21 Beechwood Ave., 1 story and basement, brick, stone and granite, plain foundation, to J. Imhoff, 21 Arborough Rd., Rosindale. Archts. est. $150,000. Noted Sept. 2.

R. I., Providence—ATHLETIC—Brown University, 1 and 2 story, brick, Aldrich Field, to O. D. Purington & Co., Industrial Trust Bldg. Archts. est. to exceed $150,000. Noted Oct. 28.

R. I., Woonsocket—CHURCH—St. Anthony's Roman Catholic Church, 2 story and basement, brick and stone, plain foundation, to J. Donatelli, 40 Longmont St., Providence. Archts. est. to exceed $150,000. Noted Nov. 25.

N. Y., Buffalo — ADMINISTRATION — University of Buffalo, 3435 Main St., 3 story, 175 x 367 ft., rein.-con. and stone, Main St., to Mosier & Summers, 1266 Seneca St., $350,000.

N. Y., Jamaica—SCHOOL—Bd. Educ., 500 Park Ave., New York City, general contract P. S. 117, 143rd St. near 85th Dr., here, to G. F. Driscoll Co., 548 Union St., Brooklyn, $303,998; and heating, to H. Starkman & Bros., 1482 2nd Ave., New York City, $45,319. Noted Nov. 25.

N. Y., Oneida — HIGH SCHOOL — Bd. Educ., brick, steel and stone, plain foundation, to Matthys & Co., Binghamton. Archts. est. $325,000. Noted Oct. 28.

N. J., Princeton—DORMITORY—Day & Klauder, archts., Franklin Bank Bldg., Phila., Pa., 3 story, 115 x 305 ft. and 30 x 119 ft. dormitory, here, to Matthews Constr. Co., Princeton, for Princeton University. Noted Nov. 4.

O., Rocky River—SCHOOL—Bd. Educ., general contract 2 story and basement, brick, steel and concrete, Center Ridge Rd., to G. H. Moehlman, Norwalk, $91,000. Noted Dec. 9.

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Constr. News page 397

Buildings—Educational, Religious (Cont.)

Ind., Franklin — COLLEGE — Franklin College, P. L. Powell, pres., general contract 3 story and basement, 60 x 100 ft., rein.-con., brick and steel science hall, to R. Bryant, Franklin. Archts. est. $200,000. Noted Nov. 25.

Ind., South Bend—COLLEGE DINING HALL—Notre Dame University, general contract 1 story and basement, 205 x 232 ft., rein.-con., brick and steel, 3,000 seating capacity to R. Solitt & Sons, 518 Sample St. Archts. est. $750,000. Noted Nov. 11.

Mich., Detroit—SCHOOL—C. A. Gadd, bus. mgr. Bd. Educ., 2 story and basement, rein.-con., brick and steel, plain foundation, Conant and Charles Aves., to Corrick Bros., 507 Owen Bldg., $447,447. Noted Nov. 4.

Mich., Detroit—SCHOOL—N. C. Sorensen Co., archts., 2231 Park Ave., general contract 2 story and basement, rein.-con., brick and steel, plain foundation, Middle Belt and Ford Rd., for Bd. Educ., to A. G. Smith, Wayne; steam heating boiler and equipment, to Bryce Heating & Ventilating Co., 418 Spitzer Bldg., Toledo, O. Archts. est. $150,000. Noted Nov. 11.

Ill., Chicago—SCHOOLS—Bd. Educ., 650 South Clark St., general contract Lucy Flower Girls Technical High School, 4 story and basement, 171 x 286 ft., rein.-con., steel, stone, marble and tile, Fulton St. and North Central Park Ave., to Michuda Bros., 10748 South Michigan Ave., without bond $755,000, with bond $766,325; also 18 room addition to Gregory School, to S. N. Nielsen Co., 3059 Augusta St., $174,870. Noted Oct. 21.

Wis., Madison — MEDICAL SCHOOL — University of Wisconsin, J. D. Phillips, bus. mgr., 5 story and basement, 109 x 109 ft., brick, rein.-con. and stone, plain foundation, to J. P. Cullen & Son, Janesville, $556,673. Noted Dec. 9.

Ia., Des Moines—HIGH SCHOOL—Bd. Educ., G. L. Garton, secy., Callahan Junior High School, 2 story and part basement, 230 x 300 ft., rein.-con. and brick, plain foundation, 31st and Center Sts., to A. H. Neumann Co., 519 Hubbell Bldg., $274,722. Noted Dec. 2.

Kan., Olathe — HIGH SCHOOL — Bd. Educ., 3 story, L shaped, rein.-con., brick and stone, to Peterson Constr. Co., Pioneer Trust Bldg., Kansas City, Mo., $113,850. Noted Dec. 2.

Tex., Houston — SCHOOLS — Bd. Educ., H. L. Mills, mgr., 1600 Washington Ave., two 2 story, 11 room, rein.-con. and brick, to Standard Constr. Co., 337 Humble Bldg. $279,266 each.

Tex., Vernon—CHURCH—First Baptist Church, R. M. Fielder, secy. building com., 2 story and basement, 11 x 168 ft., brick, stone and steel, to R. H. Brown, 406 Perkins-Snider Bldg., Wichita Falls. $160,000.

Calif., Eagle Rock (br. Los Angeles)—HIGH SCHOOL—Los Angeles Bd. Educ., general contract 2 story, 187 x 395 ft. administration building, 1 story, 60 x 120 ft. shop, and 1 story, 100 x 154 ft. gymnasium, all brick and stone, here, to J. F. Atkinson, 1102 Story Bldg., for Eagle Rock Junior School Dist. $248,950. Noted Dec. 2.

Calif., Stockton—NURSES HOME—E. D. Graham, clk. San Joaquin Co., 2 story and basement, brick nurses home, to F. Tucker, Union Bldg., $147,987. Noted Dec. 9.

Federal Government Work

Proposed Work

D. C., Anacostia—Hangar Doors—Spec. 5279—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids hangar doors, at Naval Air Station, here. Noted Nov. 25.

Calif., Mare Island — Heating Plant Equipment, etc.—Spec. 5252—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans heating plant equipment and piping, incl. open type feed water heater, feedwater meter, boiler, tanks, feed pumps, etc., at Navy Yard Hospital, here.

Bids Desired

Me., Bangor—Pumping Plant, etc.—Dec. 23, at office Supervising Architect, Treas. Dept., Wash., D. C., deep well pumping plant, etc., in Post Office, here. J. A. Wetmore, acting superv. archt.; adv. E. N.-R. Dec. 16.

N. Y., New York—Dredging—Spec. 5301—Dec. 29, by Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging at Navy Yard, here.

Constr. News page 398

N. Y., New York—Alterations—Jan. 11, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., alterations in (G) Building 3, U. S. Veterans Hospital 81, Bronx Boro, here.

Md., Annapolis—Deferrization Plant, etc.—Specs. 5294 and 5308—Dec. 22, by Bureau Yards & Docks, Navy Dept., Wash., D. C., deferrization plant ,at Marine Barracks; and alterations to Post Graduate School, both at Naval Academy, here. Noted Dec. 2.

D. C., Wash.—Steel, Iron, etc.—Dec. 20, at office A. L. Flint, genl. purch. officer Panama Canal, steel, iron, steel pipe, chain, bolts, nuts, etc.

D. C., Wash.—Dredge—Jan. 12, at office A. L. Flint, genl. purch. officer Panama Canal, diesel electric hydraulic dredge and equipment; adv. E. N.-R. Dec. 16.

Fla., Jupiter—Radio Tower—Spec. 5298—Jan. 19, by Bureau Yards & Docks, Navy Dept., Wash., D. C., 150 ft. steel radio tower and concrete footings at Naval Radio Station, here.

Ala., Mobile—Tug—Feb. 7, by U. S. Engineer Office, 100 ft. Diesel, electric harbor tug; adv. E. N.-R. Dec. 16.

Tenn., Memphis—Dredge Pipe—Dec. 30, at office District Engineer, Mississippi River Comn., Post Office Box 1017, 550 ft. 32 in. diam. steel dredge pipe, and 11 steel dredge pontoons; adv. E. N.-R. Dec. 16.

Wis., Madison—Post Office—Jan. 7 (extended date), by Treas. Dept., at office Supervising Archt., Wash., D. C., 3 story, U. S. Post Office and Court House, stone, here. J. A. Wetmore, acting superv. archt.; adv. E. N.-R. Dec. 16. Noted Nov. 25.

Tex., Fort Sam Houston (sta. San Antonio) — Hangars — Jan. 3, at office Constructing Quartermaster, one 110 x 200 ft., and one 66 x 140 ft. steel hangars with concrete floors and approaches, at Fort Crockett.

Idaho—Hoist—Dec. 28, by Bureau Reclamation, Denver, Colo., one 61:1 twin gear gate hoist for operation of 11 x 11 ft. 6th unit penstock gate, at Minidoka Plant, Minidoka Project, here.

Arizona — Road — Dec. 21, by C. H. Sweetser, dist. Bureau Pub. Rds., U. S. Dept. Agriculture, Grand Canyon, grading, etc. Grand Canyon Highway project in Grand Canyon Natl. Park, Coconino Co.

Calif., San Diego—Roads and Walks—Spec. 5211—Jan. 12, by Bureau Yards & Docks, Navy Dept., Wash., D. C., concrete road, walks, curbs, catchbasins, etc., at Naval Operating Base (Destroyer Base), here.

Calif., San Diego—Solarium—Spec. 5281—Dec. 29 (extended date), by Bureau Yards & Docks, Navy Dept., Wash., D. C., solarium for nurses quarters at Naval Operating Base Hospital, here. This corrects report in Dec. 2 issue.

Calif., San Francisco—Motor—Jan. 5, by U. S. Engineer Office, 2nd Dist., 85 2nd St., electric motor with controlling appliances for booster pump.

Calif., San Francisco—Pump—Jan. 6, by U. S. Engineer Office, 2nd Dist., 85 2nd St., 20 in. booster pump.

Calif., San Francisco—Dredging—Dec. 27, by U. S. Engineer Office, 85 2nd St., dredging in Sinsum Channel.

Porto Rico, San Juan—Repairing Walls—Jan. 6, by U. S. Engineers Office, 39 Whitehall St., New York City, repairing old fortification walls, here.

Bids Received

Me., Fort Fairfield—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., Dec. 8, post office and court house, here, from A. M. Lundberg, 208 North Bway., St. Louis, Mo., $73,600. Noted Nov. 25.

Conn., Branford — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., Dec. 7, constructing U. S. Post Office, here, from Agostini Bros., Arcade Bldg., Norfolk, Va., $57,500, alt. add $5,400. Noted Nov. 18.

Ala., Birmingham—Additional Story—Treas. Dept. at office Supervising Archt., Wash., D. C., additional story to U. S. Post Office and Court House, here, from Devault & Deltrick, Canton, O., $347,500. Noted Nov. 18.

Idaho, Sandpoint — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., Dec. 13, constructing U. S. Post Office, here, from G. Griffiths Constr. Co., Railway Exch. Bldg., St. Louis, Mo., $76,500. Noted Dec. 2.

Contracts Awarded

Md., Annapolis — Remodeling — Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here, to B. H. B. Ennis, 1933 East 31st St., Baltimore, $14,965. Noted Dec. 9.

D. C., Anacostia—Storehouse—Spec. 5280—Bureau Yards & Docks, Navy Dept., Wash., D. C., temporary storehouse, here, to Blaw-Knox Co., P. O. Box 915, Pittsburgh, Pa., $12,600. Noted Dec. 9.

D. C., Wash.—Generator—Spec. 5292—Bureau Yards & Docks, Navy Dept., engine driven generator for Naval Hospital, here, to Ridgway Dynamo & Engine Co., 350 Madison Ave., New York City, $9,389. Noted Nov. 25.

Ga., Americus — Remodeling — Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here, to A. M. Lundberg, 208 North Bway., St. Louis, Mo., $9,600. Noted Dec. 2.

Ky., Louisville—Metal Work—U. S. Engineer Office, P. O. Box 72, Nov. 26, metal work for Dams 52 and 53, Ohio River, Lots A to F, to Amer. Car & Fdry. Co., Jeffersonville, Ind., $59,700; and Lot G, to H. P. Gazzam Machine Co., 3200 Penn St., Pittsburgh, Pa., $11,600. Noted Oct. 28.

Ky., Louisville—Powerhouses—U. S. Engineer Office, P. O. Box 72, powerhouses at Dams 47 and 51, in Ohio River, to C. Kanzler & Son Co., 500 Furn. Bldg., Evansville, Ind., $35,585. Noted Nov. 4.

Ind., Mishawaka — Remodeling, etc. — Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here, to P. Schumacher, 323 West 4th St., $16,525. Noted Dec. 9.

Minn., Montevideo—Post Office—Treas. Dept. at office Supervising Archt., Wash., D. C., constructing U. S. Post Office, here, to J. H. Olsen, 316 5th St. W., Willmar, $55,704. Noted Dec. 2.

Calif., Mare Island—Boilers—Spec. 5288—Bureau Yards & Docks, Navy Dept., Wash., D. C., Nov. 24, four 300 hp. water tube boilers, with brick settings, here, to Lawson & Drucker, 465 Tehama St., San Francisco, $59,700. Noted Dec. 2.

T. H., Pearl Harbor—Dredging—Spec. 5282—Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging at Naval Operating Base, here, to United Dredging Co., 233 Bway., New York City, N. Y., and to Hawaiian Dredging Co., Ltd., Honolulu. Noted Dec. 9.

Unclassified

Proposed Work

Golf Course — Rutland, Vt. — Rutland Country Club, H. G. Smith, comr., had plans prepared adding 9 holes to present 9 hole golf course, moving buildings, etc. $35,000. W. E. Stiles, 97 Newbury St., Boston, Mass., engr.

Gas Mains—Cambridge (Boston P. O.), **Mass.**—Cambridge Gas Light Co., plans gas mains in Fresh Pond Parkway and in Memorial Dr. $25,000 or more. Private plans.

Bulk Distributing Station—Salem, Mass.—Tidewater Oil Sales Co., 11 Bway., New York City, making plans rein.-con. and brick bulk distributing station, Canal St., here. $25,000. Private plans.

Grain Elevator—Buffalo, N. Y.—Hecker-Jones-Jewell Milling Co., 503 Seneca Ave., plans grain elevator, rein.-con., Ohio St. and Buffalo River. To exceed $800,000.

Swimming Pool—Richmond Hill (Ind. br. Jamaica), **N. Y.**—See "Buildings—Educational, Religious."

Grand Stand and Baseball Field — Rochester, N. Y. — Rochester Baseball Club, c/o G. G. Stallings, Elwood Bldg., making plans steel and timber baseball field and grand stand, at Clinton and North Sts. $400,000. G. W. Thompson, Mercer Bldg., Syracuse, engr.

Swimming Pool—New Castle, Pa.—See "Buildings—Educational, Religious."

Pier — Ocean City, Md. — Ocean City Amusement Pier Corp. C. W. Wheatton, pres., Salisbury, making plans ocean amusement pier, 300 ft. frontage, containing theatre, 1,000 seating capacity. $150,000. R. N. Walker, Wash., D. C., archt.

Electric Distribution Lines—North Carolina — North Carolina Pub. Serv. Co., Greensboro, plans extending 8 mi. lines into rural districts and McLeansville.

Fair Grounds—Raleigh, N. C.—State Fair Assn., Fair Grounds, plans new fair grounds, incl. race track, grand stand, sewers and waterworks extensions, etc. $250,000. Address A. Cox, Hayes-Barton Street.

Gas Distributing System—Vidalia, La.—D. Stewart, et al, Natchez, Miss., making plans natural gas distributing system, here. Private plans.

Guard Rail—Ohio—G. F. Schlesinger, dir. Hys. & Pub. Wks., Columbus, plans erecting 10 mi. guard rail along Dixie Highway between Bowling Green and Perrysburg. $65,000.

Unclassified (Continued)

Stadium — Canton, O. — Plans athletic stadium, 10,000 to 15,000 seating capacity, adjoining new high school, 25th St. N. W. $100,000.

Bowling Alley — Cleveland Heights (Warrensville P. O.), O.—See "Buildings—Commercial."

Memorial Athletic Field — Indianapolis, Ind. — Emmerich Manual Training High School, making plans Delavan Smith memorial athletic field, incl. foot ball gridiron, cinder track, baseball diamond, tennis courts, hockey field and permanent grand stand, Pleasant Run Blvd. between Madison Ave. and South Pennsylvania St. $100,000. D. A. Bohlen & Sons, 1001 Majestic Bldg., engrs.

Street Lighting System—La Grange, Ill. — Making plans ornamental lighting system on various streets. $200,000. E. Hancock Eng. Co., 2047 Ogden Ave., Chicago, engrs.

Swimming Pool — Cudahy, Wis. — See "Buildings—Educational, Religious."

Heating—Madison, Wis.—University of Wisconsin, J. D. Phillips, bus. mgr., plans additional service construction, incl. heating, tunnels, boilers, safety devices, temperature control, etc. $404,300. Engineer not selected.

Park or Mall, etc.—St. Louis, Mo.—See "Streets and Roads."

Gas Line — Texas — Central Power & Light Co., c/o Frost Bldg., San Antonio, plans 30 mi. gas line from Eagle Lake to Columbia. $35,000. Private plans. Owner will probably do work and purchase pipe in open market.

Oil Pipe Line—Texas—Gulf Pipe Line Co. & Magnolia Pipe Line Co., Ranger, made plans probably 18 or 24 in. pipe line from Ranger to Panhandle Fields in Carson Co., $2,000,000; also making plans second line from Ranger to Carson Co. fields to be used by both companies, $2,000,000. Private plans.

Oil Pipe Line—Texas—Humble Oil & Refining Co., Texas City, and Humble, making plans probably 12 in. c.i. oil pipe line from company fields in Panhandle to terminals at Texas City and Baytown on the Gulf. Owners plan purchasing pipe and let separate contracts for the laying or may take bids on furnishing and laying pipe in same contract. $8,500,000. Private plans

Cables, Lines, etc. — Texas — Mountain State Telephone & Telegraph Co., El Paso, making plans expanding system, incl. cables, lines, instruments, etc., in El Paso and territory in Texas and New Mexico $2,500,000 appropriated. Funds will be expended over period of 4 years. Private plans.

Land Development—Abilene, Tex.—West Texas Utilities Co. making plans residential subdivision, incl. gas system $60,000, sewers $35,000, waterworks $40,000, lights $15,000, paving streets $65,000, and concrete sidewalks, etc. $35,000. Private plans.

Brick Plant—Brady, Tex.—J. E. McKee making plans 50,000 p.d. capacity brick plant. $60,000. Private plans.

Loading Wharf—Corpus Christi, Tex.—See "Buildings—Industrials."

Land Development—Crane, Tex.—O. C. Kennison, San Angelo, making preliminary plans 320 acre townsite development, incl. street paving $45,000, water works $30,000, sewers $30,000, and gas system $20,000.

Subway — San Antonio, Tex. — International-Great Northern R.R., C. S. Kirkpatrick, ch. engr., Union Sta., Houston, will not build rein.-con. subway under International-Great Northern tracks, on West Commerce St. between Comal and Medina Sts. $75,000. Project cancelled. Noted Sept. 2.

Oil Pipe Line — Oklahoma — Amerada Petroleum Co., Petroleum Bldg., Tulsa, made preliminary plans 53,000 ft. 6⅝ in. oil pipe line from Earlsboro to Seminole. $70,000. Engineer not announced. C. H. Fox, field engr.

Transmission Line — Oklahoma — Sand Springs Home Co., Sand Springs, plans 11 mi. 33,000 volt transmission line from Shidler to Kaw City. $40,000. G. Tingley, Sand Springs, engr.

Bulkhead and Walk—Long Beach, Calif. —Plans board walk and bulkhead along beach between 20th Pl. and Redondo Ave. $280,000.

Comfort Stations, etc. — Long Beach, Calif.—City plans comfort stations, stairways, etc., in connection with board walk and bulkhead along Ocean Beach frontage. $165,000.

Piers—San Francisco, Calif.—California State Bd. Harbor Comrs., Ferry Bldg., made plans extending Piers 30 and 32, 125 ft., rein.-con., concrete piling, timber shed, etc. $220,000. F. G. White, Ferry Bldg., engr. Noted Oct. 28.

Golf Course—Victoria, B. C.—See "Buildings—Commercial."

Bids Desired

Borings — Corona (Ind. sta. Flushing), **N. Y.**—Dec. 24, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York City, additional borings on site of Corona Yard, Queens Boro, Agreement "FE."

Street Lighting System—Marcy, N. Y.—Jan. 19, by Dept. Mental Hygiene, Capitol, Albany, street lighting system, Marcy Div., Utica State Hospital, here; adv. E. N.-R. Dec. 16.

Comfort Stations—New York, N. Y.—Dec. 20, by H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., comfort station Westchester and East Tremont Aves., and at 3rd and Lincoln Aves. Former bids rejected; also sheet asphalt on concrete repaving Southern Blvd., from Barretto St. to point 475 ft. northerly. Noted Dec. 9.

Retaining Walls—New York, N. Y.—Dec. 22, by J. Miller, pres. Manhattan Boro, Municipal Bldg., retaining walls, abutments and column footings in connection with regulating, grading, paving and constructing viaduct in Riverside Dr. West from West 155th to 161st Sts.

Elimination of Grade Crossings — New Jersey—See "Streets and Roads."

Sea Wall and Pier—Bradenton, Fla.—Dec. 20, by City, c/o R. K. Van Camp, comr. Pub. Wks., concrete sea wall and pier in Manatee River. L. L. Hine, city clerk.

Power Line—El Paso, Tex.—See "Contracts Awarded."

Swimming Pool—McAllen, Tex.—Manor Development Co. taking bids concrete swimming pool. $25,000. Private plans.

Bids Received

Comfort Station—Brooklyn, N. Y.—J. J. Byrne, pres. Brooklyn Boro, Boro Hall, Dec. 8, general contract public comfort station, Manhattan Bridge Plaza, here, from E. G. Vail, Jr., Inc., 115-25 172nd St., Jamaica, $22,400. Noted Dec. 2.

Refrigerating Plant—Middletown, N. Y.—State Hospital Comn., Capitol, Albany, Dec. 8, refrigerating plant at Middletown State Homeopathic Hospital, here, from Carbondale New York Co., Inc., 175 Christopher St., New York City (1) $48,500 (2) $25,200 and (3) $21,800. Noted Nov. 18.

Platform, etc.—New York, N. Y.—M. Cosgrove, comr. Docks, Pier "A," foot Battery Pl., Dec. 8, platform and shed adjacent to North Side, Pier 2, North River, Contr. 1876, from General Contg. & Eng. Co., 40 Rector St., (1) $16,648 (2) $13,490 (3) $1,871, total $32,009. Noted Dec. 2.

Lighting System—Minneapolis, Minn.—Bd. Park Comrs., City Hall, 743 electric light standards on various streets, from Donovan Constr. Co., 1101 Builders Exch. Bldg., St. Paul, posts without lighting units $50,756; and from Graybar Electric Co., 413 South 4th St., with lighting units $69,827.

Contracts Awarded

Water Terminal—Portland, Me.—Beacon Oil Co., Everett, Mass., water terminal, to J. J. Maloney Co., Benoit Bldg. Engrs. est. to exceed $25,000.

Elevated Line — Brooklyn, N. Y. — Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing elevated connection Bway.-4th Ave. line to Coney Island Yard, here, to Jobson Gifford Co., 441 Lexington Ave., New York City, $266,900. Noted Dec. 9.

Comfort Stations—New York, N. Y.—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., comfort station at Mosholu Parkway, to Beech Contg. Co., 122 Livingston St., Brooklyn, $20,950. Noted Dec. 9.

Bulkhead and Fill—Stuart, Fla.—Concrete bulkhead and fill at Frazier Creek, to Atkinson Dredging Co., West Palm Beach, $75,289. This corrects report in Dec. 2 issue.

Causeways — New Orleans, La. — New Orleans Pontchartrain Bridge Co., c/o L. E. Anderson & Co., 711 St. Charles St., St. Louis, Mo., approximately 10 mi. earth fill at north and south shore of bridge, here, to McWilliams Co., Inc., Carondelet Bldg. Noted Sept. 16 under "Bridges."

See proposal advertising on page 141

Foundation and Excavation — St. Louis, Mo.—Missouri-Pacific R.R. Co., E. A. Hadley, ch. engr., Ry. Exch. Bldg., foundation and excavation for 22 story, basement, and 40 ft. tower, 100 x 293 ft., rein.-con., steel, terra cotta and granite addition, 13th St. between Pine and Olive Sts., to John Hill Constr. Co., Syndicate Trust Bldg., approximately $200,000. Noted Dec. 2 under

Power Line—El Paso, Tex.—El Paso Electric Co. will build emergency power line into upper valley running south, from here, by day labor. $50,000. Private plans.

Heating, Ventilating, Plumbing, etc.—Seattle, Wash.—See "Buildings—Commercial."

Lighting System—Los Angeles, Calif.—Ornamental lighting system on Western Ave. between Wilshire Blvd. and Pico St., also Figueroa St. between Slauson and Florence Aves., to H. C. Reid Co., 389 Clementina St., San Francisco, $36,450 and $31,950 respectively. Noted Dec. 2.

Swimming Pool — El Sereno (mail Los Angeles), **Calif.**—See "Buildings—Commercial."

Materials

Proposed Work

Gas Pipe — Texas — Central Power & Light Co., c/o Frost Bldg., San Antonio, plans purchasing pipe for gas line from Eagle Lake to Columbia.

Bids Desired

Steel, Castings, etc. — Boston, Mass. — Dec. 21, by Transit Dept., 1 Beacon St., 367,400 lb. rolled steel, freight prepaid, f.o.b. Walworth Siding, East 1st and O Sts., South Boston; 78,800 rail clips, and 157,200 screw spikes (drop forgings) f.o.b. Walworth Siding, South Boston; 16,000 track bolts, 17,200 machine bolts with O. K. nut locks, and 545,000 lb. malleable iron castings, freight prepaid f.o.b. cars, part to Walworth Siding, South Boston, and part to Boston Elevated Ry. Siding, George St., Somerville; also 190 tons structural steel (beams, angles, channels, etc.), freight prepaid, f.o.b. cars, 14 Cypher St., South Boston. T. F. Sullivan, chn.

Steel—New York, N. Y.—New York Central R.R. Co., 446 Lexington Ave., H. G. Kittredge, ch. engr., taking bids 40,000 tons steel, for proposed office building. Noted Mar. 4 under "Buildings—Commercial."

Railroad Frogs, etc.—Phila., Pa.—Dec. 21, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., railroad frogs, switches, compromise joints, switch rods rail braces, etc. A. C. Shand, Broad St. Sta. ch. engr. railroad.

Steel Sheet Piling—Jacksonville, Fla.—Dec. 23, by Bd. Comrs. Duval Co., Court House, 60 pieces 14 in. arch-web Lackawana Steel Sheet Piling, 45 ft. long, delivered at site Little Pottsburg Creek Bridge. F. Brown, clk.

Pig Lead, Lead Pipe, etc.—Kenosha, Wis. —Dec. 20, by C. M. Osborn, city mgr., 25 tons pig lead, 30 tons ¾ in. and 1,000 lb. 1 in. extra strong lead pipe, also 150 tons slump sulphate of alumina.

Lumber, etc.—Adel, Ia.—Dec. 22, at office Auditor Dallas Co. 257,032 ft. lumber. E. L. Kaser, Adel, co. engr.

Lumber, etc.—Corning, Ia.—Jan. 5, at office Auditor Adams Co., 16,600 ft. bridge lumber, 4,480 ft. piling, 700 bbl. cement, 6,800 ft. mesh wire, 150 tons each reinforcing and sand, also 100 gal. paint. P. V. Saum, Corning, co. engr.

Lumber, etc.—Manchester, Ia.—Dec. 22, at office Auditor Delaware Co., 4 cars standard sawed fir bridge lumber and 1 car cypress piling. H. Klaus, Manchester, co. engr.

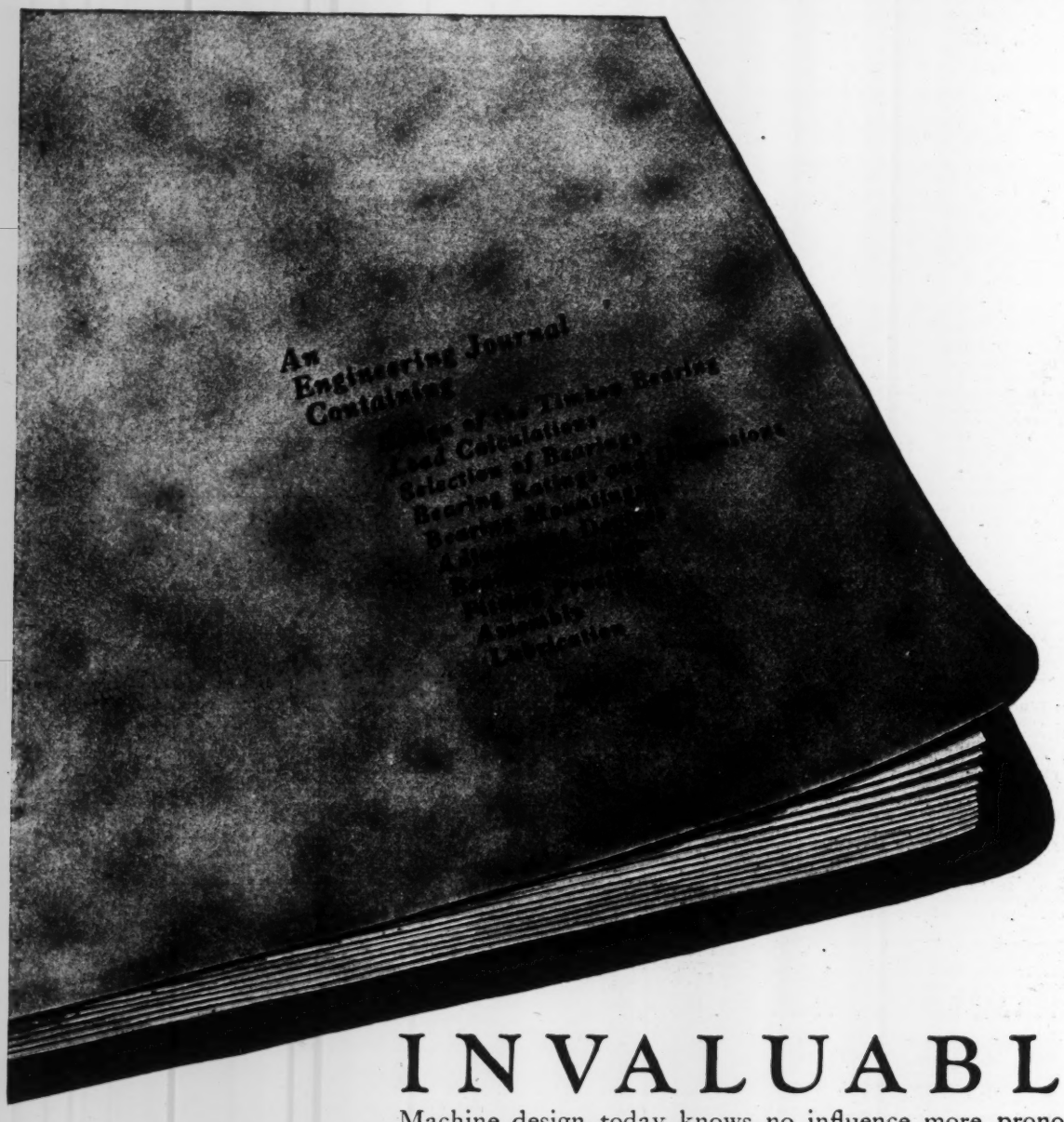
Lumber, etc.—Muscatine, Ia.—Dec. 20, at office Auditor Muscatine Co., 2,472 ft. red cedar piling, 14,442 ft. fir lumber and 4,100 ft. culvert pipe. F. P. G. Halbfass, Muscatine, co. engr.

Lumber—Tipton, Ia.—Dec. 21, at office Auditor Cedar Co., 6 cars fir bridge lumber. R. O. Zimmerling, Tipton, engr.

Contracts Awarded

Track Materials—San Francisco, Calif. —Bd. Pub. Wks., W. J. Fitzgerald, secy., track materials for Municipal Railway system, to U. S. Steel Products Co., Rialto Bldg. $88,000; and Bethlehem Steel Co., Matson Bldg., $16,445. Noted Nov. 18.

Constr. News page 399



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